

ALBERTA

MINES
BRANCH

REPORTS

1923-24

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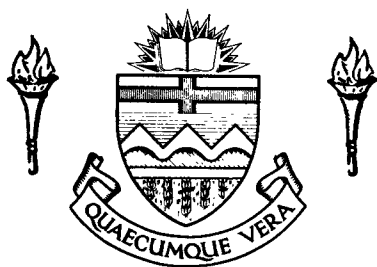
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ANNUAL REPORT
OF
THE MINES BRANCH
OF THE
PROVINCE OF ALBERTA
FOR THE YEAR
1923



EDMONTON:
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1924



EDMONTON, FEBRUARY 15, 1924.

TO THE HON. J. E. BROWNLEE,
Provincial Secretary.

SIR:—

I herewith submit the report of The Mines Branch for the year ending December 31, 1923.

Respectfully submitted,

JOHN T. STIRLING,
Chief Inspector of Mines.

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ANNUAL REPORT OF THE MINES BRANCH FOR THE YEAR ENDING DECEMBER 31, 1923.

The total amount of coal produced in the Province during the year was 6,866,923 tons, of which 1,382,788 tons were sold for consumption in the Province of Alberta; 1,937,753 tons in other provinces in Canada; and 83,557 tons for consumption in the United States; 3,110,121 tons were sold to railroad companies; 265,841 tons were used under colliery boilers; 8,142 tons were used by colliery railroads; 37,362 tons were used making briquettes; 54,062 tons were put to stock and 74,535 tons were put on the waste heap. Of the total amount disposed of: 72,306 tons were lifted from stock, and 14,932 tons were lifted from the waste-heap.

It will be noted that the importations of coal from the United States to points east of British Columbia in Western Canada (including Fort Frances, Fort William and Port Arthur), show an increase of 1,151,629 tons over the importations for the year 1922, and the shipments of coal from Alberta to all the provinces in Canada (except Saskatchewan), show an increase over 1922.

During the year 1923, 890,491 tons were produced in the Province in excess of that produced during the year 1922; the largest monthly production being during the month of January, when 846,975 tons were produced.

Three shale mines and 362 coal mines were in operation during the year 1923; of which 59 were opened, 5 re-opened, and 87 abandoned. In addition to the mines abandoned, 65 were closed temporarily, leaving 258 mines in operation at December 31, 1923.

The list of Permitted Explosives was amended during the year by adding to it the explosive known as "Coalite A.L.F.", and deleting therefrom the explosive known as "Miners' Friend No. 7."

Mr. Nathaniel Howells resigned his position as District Inspector of Mines on September 30, to take over the operation and management of the mine formerly operated by the North American Collieries Ltd., near Drumheller and was succeeded by Mr. Joseph B. deHart, with headquarters at Lethbridge. In addition to the inspections which have been made, from time to time, of the different mines by the District Inspectors, all fatal and serious accidents have been investigated and all inquests attended.

On March 27, fire was discovered in abandoned workings in the mine operated by the Cadomin Coal Co. Ltd., at Cadomin. Attempts were made to isolate the fire by putting in stoppings. A number of brick and cement stoppings were erected, but the efforts were not successful; as on May 11, fire broke through over a stopping at 37 angle. It was then decided to discontinue further attempts, and abandon this section of the mine, all material being removed and the entrances caved.

Samples of mine air have been taken from different mines by the District Inspectors in addition to tests made by them with the Burrell Gas detectors. These samples have been forwarded to the Department of Mines, Ottawa, for analysis. Samples of coal have also been taken by the Inspectors, and forwarded to the Scientific and Industrial Research Council of Alberta for analysis.

There were in use during the year 1,398 Safety lamps of the Wolfe Type, 4,352 electrical portable lamps of the Edison type, 500 of the Wico type, 35 of the Ceag type, and 47 of the Oldham type. This shows that the use of portable electric lamps is increasing rapidly.

The tendency to use electric power generated at central plants in the Province is increasing and in this respect there were 8,828,258 K.W.Hs. purchased by mine operators in the Crow's Nest Pass District from the hydro-electric plant operated by the East Kootenay Power Co. Ltd., at Bull River.

In the Edmonton field 313,466 K.W.Hs. were purchased from the City of Edmonton for use at the mines in the Edmonton District.

There were 1,284,278 K.W.Hs. purchased from central plants in the Drumheller, Rosedale, and Wayne fields for use at the mines in the districts.

There were sixty-eight prosecutions instituted for contraventions of the provisions of *The Mines Act*, a conviction being obtained in each case: of those prosecuted 43 were operators, 7 officials, and 18 workmen.

During the year 251 provisional certificates were issued. These certificates are only issued for use at mines where not more than ten men are employed, and are issued on the understanding that all shots fired in that mine must be fired by the person holding the certificate.

The number of persons employed in the mines during the month of December was 11,477: being 1,040 less than were employed during the month of December, 1922.

On September 25, 1923, an Order in Council was passed, under the provisions of *The Coal Sales Act*, being Chapter 31 of the Statutes of Alberta, 1923, making regulations regarding the classification and designation of Alberta Coals. On September 26 the following Order in Council was also passed, designating the districts, these districts being outlined on the map attached hereto:

"Whereas in Order in Council numbered 1226-23, made under the provisions of *The Coal Sales Act*, being Chapter 31 of the Statutes of Alberta, 1923, reference was made to districts in which mines were located; and whereas the said order provided that the Province might appoint an inspector or inspectors to examine at any mine within the Province, or at any other point, all coal produced for sale; and whereas the said order did not contain any list of such districts or inspectors; therefore His Honour the Lieutenant Governor, by and with the advice of the Executive Council, has been pleased to order that for the purposes of the said order, the Province be and is hereby divided into the following districts:

Crow's Nest Pass	Drumheller	Tofield
Pincher Creek	Rosedale	Clover Bar
Lethbridge	Wayne	Edmonton
Magrath	Big Valley	Strathcona
Milk River	Saunders	Namao
Taber	Brazeau	Cardiff
Bow Island	Brooks	Wabamun
Medicine Hat	Hanna	Pembina
Aldersyde	Lacombe	Jasper Park
Gleichen	Trochu	Yellowhead
High River	Three Hills	Mountain Park
Calgary	Carbon	Peace River
Canmore	Battle River	
Banff	Camrose	

"And it is further ordered, that the following persons be and are hereby appointed as inspectors, for the purpose of the said Act:—

"Jas. A. Richards, District Inspector of Mines, Edmonton.

"Jas. Crowder, District Inspector of Mines, Blairmore.

"Michael Cranston, District Inspector of Mines, Camrose.

"Thomas Horne, District Inspector of Mines, Edson.

"Duncan McDonald, District Inspector of Mines, Drumheller.

"Howard Stutchbury, Trade Commissioner, Edmonton.

"George R. Pratt, Fuel Engineer, Winnipeg, Man.

"Harold T. Butchart, Asst. Fuel Engineer, Winnipeg, Man.

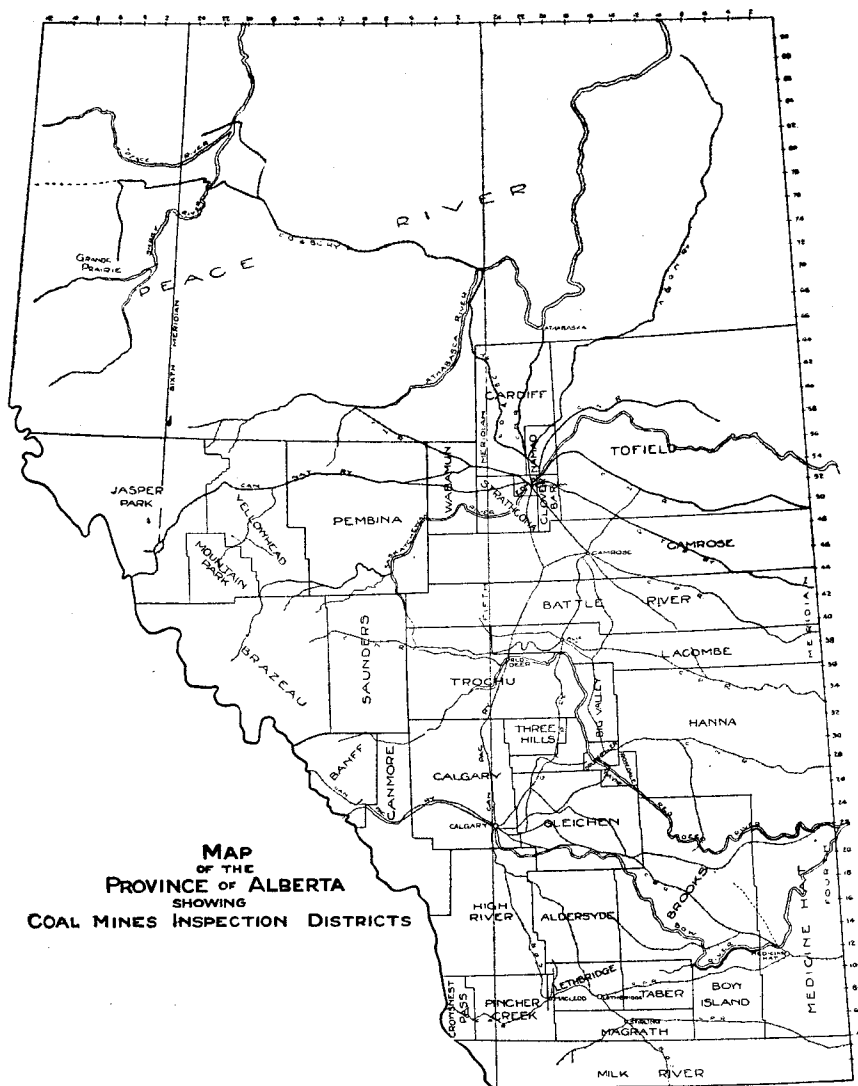
"John T. Stirling, Chief Inspector of Mines, Edmonton."

"JOHN D. HUNT,

"Clerk of Executive Council."

Particulars with reference to the work being carried on by The Mines Branch in connection with the extension of the market for coal will be found by referring to the report of the Fuel Engineer, which is herewith attached.

Further particulars regarding the Mining Industry in the Province will be found by referring to the attached tables.



REPORT OF THE FUEL ENGINEER

Winnipeg, Man.,
January 15, 1924.

SIR:—

I beg to report as follows on the work of the Winnipeg Office of The Mines Branch during the year ending December 31, 1923.

The work as reported for the previous year was continued, which consisted of personal interviews with coal dealers and consumers, who visited the office, and also when necessary by visit at their place of business or residence.

Very little newspaper advertising was done, but a considerable amount of news and feature-matter was provided for trade and other magazines.

Lectures and talks were given to various trade and service organizations.

The book issue "Coal Truth" has been very successful in establishing standard methods of use; the colored diagrams making a more effective way of illustrating the methods to be used than actual furnace demonstrations.

Very little public demonstrations showing the coal-burning has been done; the heating appliances having been used more for testing out certain methods of improvements.

The words "Coal Truth" have been developed into a slogan, and a number of special pamphlets issued under the heading, each referring to some particular phase of coal-burning or coal-burning equipment.

They consist of No. 3: ("On Furnace Firing.") This is an abstract of the standard rules for firing the domestic furnace, illustrated in three colors.

No. 4: ("The Best Coal"), advising most suitable coals and best standard of sizes, together with a list of mining districts and the individual mines in such districts which had been shipping coal for one year or longer into the Winnipeg market. This pamphlet also stresses the fact that the best coal is the one that the user has become accustomed to, and that the best coal for the conditions may not be the one which has the highest B.T.U. value.

No. 4A, a revision of the above pamphlet, with a map showing the relative location of the mining districts with regard to the railroads in Alberta, coupled with a relative purchasing value based upon the heat values.

Nos. 5, 6, 7 and 8, a series of four on the best methods of steam-power operation and advice as to the best equipment for economy.

No. 9, no issue.

No. 10, an article upon the economic value to Canada of the development of the coal resources.

No. 11, cartoon and calendar, illustrating No. 10.

No. 12, brief description of the Alberta domestic coals, and the difference in their qualities as compared with Anthracite and Steam coking coals.

No. 13, special information regarding demonstration of Alberta Domestic coal in Toronto.

No. 14, information to coal dealers in Eastern Canada regarding the domestic coals of Alberta.

No. 15, on changes of operation required for burning Alberta domestic coals in the Spencer Self-Feed Boiler.

No. 16, advice to the public regarding *The Alberta Coal Sales Act* and the Winnipeg By-Law for licensing coal dealers.

No. 17, now being prepared for instructions on use of Alberta coals in the "Base Burner." The "Base Burner" has been considered suitable for Anthracite only, and they were being taken off the market. The demand for coal for those in the East made it desirable to adapt it for the volatile coals. This has been done as described later in the report.

LANTERN LECTURES

A considerable number of lectures were given to the various associations and engineers, showing methods of fuel burning and the improvements desirable to equipment, giving best results from Alberta coals. Experiments have also been carried on, on Domestic heating equipment.

The Hot Air Furnace and the Hot Water Boiler as now manufactured will give more or less satisfactory service with the Alberta coals, but the smaller heaters have been more of a problem on account of the extra care required in placing the coal on the fire. On this account, heating equipment was obtained with a view to making improvements for service.

With the Oak Heater, as commonly used in houses where there is no distributing system, it is the usual practice to smother the fire; and unless the large coal is used there is danger when doing it. The problem does not apply so much to the city as to the country points. In the city there is no difficulty in obtaining lump coal, but the country points have to take whatever is to hand, more often the smaller sizes of coal.

A heater was obtained and device installed which converted one-half into a hopper. This permits the use of any sized coal, giving full heating service without unnecessary labor, and has converted it into a more efficient coal burner.

THE BASE BURNER

The Base Burner has been considered an out-of-date heater, it being manufactured entirely for use with Hard coal. Until recently we had neglected making any effort to use the coals in this type, on account of the general impression that it was being taken off the market, owing to its inadaptability. It was found, however, that

there are still a number in use in country points, also a more considerable number in use in Eastern Canada, and as it was our desire to prove that it is unnecessary to consider hard coal for any kind of equipment, a Base Burner was obtained and changes made to the hopper, so that the coal could be fired in a similar manner to that pertaining to Hard coal. In making the change, the difference in the characteristics of the coals had to be considered. In Anthracite there is no tendency in the coal to burn up into the magazine. With free burning coals, such as the Alberta coals, there is always the tendency for the fire to work up into the magazine. In a closed magazine, gases formed through this feature; and if it is not vented in some way it is liable to explosion. We decided, therefore, as it was impossible to prevent the coal burning up into the magazine, we might as well take advantage of the results.

A plate was placed to one side of the magazine, which held the coal free from the side. A hole was also placed in the cover, which permitted the air to flow into the magazine. As the gases were formed, due to the fire working up into the magazine, they mixed with the air admitted through the cover and passed between the plate and the magazine into the combustion chamber over the fire, where it immediately burned with a torch-like flame. The cost of making this change should not exceed \$1, and to my mind it has converted it into one of the most efficient equipments for burning the Alberta coals.

We had considerable trouble in adapting the Spencer Self-Feed Boiler to the Alberta coals. This boiler is used in large-sized dwellings and blocks, and when using Anthracite coal it is practically automatic in operation. All it requires is the magazine filled at certain periods, depending on weather conditions, and occasional shaking of the grates. The rate of burning of the fire was regulated by the water temperature or steam pressure operating the dampers according to heating requirements of the house.

As is established, Hard, or Anthracite coal requires much higher draft than the Alberta Free-Burning coals. When starting to use the Alberta coals, in the Spencer Boiler, complaints were received of the fire burning up into the magazine and the coal not lasting. Experiments were carried on in order to get around this feature, resulting in the installation of a plate in the magazine, admitting air in the magazine door so that the gases would pass with the air into the combustion chamber where they would be consumed. Changes were also made to the draft, so that better control could be had of the fire. This, with the co-operation of the manufacturers in making the changes, has resulted in proving that the Alberta coals will give equal service to that of Anthracite at a much lower cost to operate.

Experiments are still under way to make improvements to the hot-air furnace, as used in Domestic service. There is a general complaint of the waste heat in the chimney-pipes when burning the Alberta coals. There is considerable loss in heat when burning the fuel efficiently, but not to the extent that applies when burning the fuel inefficiently, or when burning the Hard coal, the losses with the latter being due to unconsumed gas or fuel, and naturally does not make itself so manifest as the feel of the temperature of the smoke pipes. We are endeavoring to devise some simple and efficient appliance to make use of this waste heat, our difficulty being the trouble which might occur through soot forming.

A complete experimental plant has been installed for experimenting with the hot water and steam-boilers in an effort to overcome some of the complaints which are used against the Alberta coals, that it will not hold the fire as with the Hard coal. To make the need for this experiment plainer I would submit the following:—

Hot air installation is quicker in action; when the fire requires attention, the temperature of the house immediately shows this up, or when the house becomes too hot it also shows that the fire needs attention, consequently the fire is kept in a fairly even condition. With the hot water, owing to the storage of heat in the water, the condition of the house is not changed so quickly and the fire is low before attention is called to it by the temperature of the house. This results in intermittent forcing of the fire to heat the water quickly and often results in the fire not being checked until the house calls attention to it. The same conditions, but to a greater extent, apply with the steam-boiler in use for domestic heating. As there is no stored heat in the water, the boiler is forced more than with the hot water.

Much helpful data have been obtained with the experiments, but it is not sufficiently complete for general publication yet.

All the experiments made with the stoves and furnaces, when complete, will be taken up with the makers of the equipment; and efforts will be used to have them change their equipment to conform with the desired results.

The above improvements and refinements are made necessary on account of the increased competition by electrical heat. Much research work and experimenting is being done along this line, and the cost for electrical heating will be a bad competitor later on.

The legislation passed by the Province of Alberta's Coal Sales Act is in operation and seems to be working to the satisfaction of the coal-dealers. A by-law was also passed by the City of Winnipeg with the intention of carrying the desirable features of the Act down to the buying public. This has not been in operation long enough to form any opinion as to its value, but we are assured that changes will be made to make it operative should the need be seen.

One thing that seems to have been a disadvantage to the City of Winnipeg in getting the dealers lined up to comply with the by-law, has been the fact that no standard was able to be set for the various coals. An effort was made, with the assistance of the writer, to create a standard which all dealers could fairly fill. Although this standard has been adopted it is much lower than should apply from the buyers' standpoint. It also brings the standard of those who do make an effort to produce a higher quality down to the standard of those who do not or can not. The great need at the present time is a standard of sizes and qualities set up for each district.

We were also requested to provide the City with analysis for the various coals. Not having this in such form that would show the analysis as delivered in Winnipeg, we were unable to do this. We did, however, provide them with an approximate average which gave them a basis to work from; but a standard analysis is very necessary, particularly as it is natural from a mine salesman's point of view to stress the value according to the more favorable analysis

which he has, and on the reverse hand it is the policy of the coal-dealer to submit his analysis at as low an average as will permit him to buy the lowest grade coal from the particular district.

In the previous season we had conclusive proof from buyers and dealers that the large so-called Double-Screened coal was unnecessary, and that the other standard, Single-Screened Lump, was more satisfactory from all points. At the end of the last season we had concluded that the production of Double-Screened Lump would be discontinued, and that all lump coal would be sold under the heading of "Single-Screened." However, competition on the part of the various mines in the same districts has induced them to put out a number of the different lumps, and the condition is more complicated than it was before. Instead of Double-Screened Lump and Single-Screened Lump, we have Double-Screened Lump, Single-Screened Lump, Standard Lump, Special Lump, Double-Screened Special, Furnace Lump, and a number of others. These may for a time appear to be profitable to the producer, but in my mind will result in more complications that are bound to show a loss to the whole industry, particularly as the standard in cases is only a name, and that any grade of lump under the same name can be supplied. For instance, no standard is applied to Furnace Lump. It is known that under Furnace Lump so-called Double-Screened Lump has been supplied, and also coal which would have no lumps larger than five or six inches. Other sizes have been altered in a similar manner, for instance, Stove has by custom obtained an established size, and Nut has done likewise. Most of these sizes this season have been combined and sold as Stove Nut, so that if only containing a small percentage of Stove it would still conform with the so-called standard. To a large extent Nut has also been substituted by Nut Pea, which also contains a minimum of Nut sizes.

During the season of 1922-1923 an extensive use had been established for small coals, such as Nut Pea, in furnaces where special devices had been installed. During that season most of the coals of this size had been prepared by the dealers from coal in their yards. During the fall season of 1923, this demand had increased, resulting in the mines shipping coal for sale for that purpose. Since this started there have been numerous complaints regarding the qualities of these coals. Without a doubt the percentage of ash and clinker-forming material has been much increased. This may be unavoidable with the small coals when shipping from the mine, but it will have the effect of killing this business if an effort is not made to see that it is as free from ash as possible.

During the 1922-1923 season, effort was made to estimate the amount of coal being burned for domestic purposes in Winnipeg. On account of the great number handling foreign and domestic coals accurate figures are not obtainable, but the estimate given is believed to be approximately correct. During 1922 through the ports of Winnipeg, Port Arthur, and Fort William, 65,889 tons of Anthracite were imported, but during the same year 436,709 tons of Alberta Domestic coal entered Manitoba, also 153,383 tons from Saskatchewan into Manitoba. Of this amount, it is estimated that Winnipeg during the heating season of 1922-1923 consumed about 300,000 tons of Alberta coal, 30,000 tons of Anthracite, 60,000 tons of Saskatchewan Lignite, also 20,000 tons of imported Coke, and 18,000 tons of Gas Coke, manufactured in Winnipeg.

The coal market conditions in Winnipeg for the fall months of 1923 have been very much unsettled, probably due to the weather, and economic conditions. There are probably twice the number of wholesale and retail dealers handling coal this year as compared with last season. There are a number of factors that enter into the reason for this. The building trades have had an idle period, and the men who had teams, considered that they would make prosperous coal-dealers. If weather conditions had been what are usual, such dealers would have been limited to coals from the newer established mines; but the practice of the mines shipping coal on consignment to wholesalers, and leaving it to their wholesale agent to find market for the coals, has resulted in much of this coal being sold to prevent costs of demurrage or storing. Some dealers, ordering coal and refusing acceptance, due to weather conditions, have also added to this feature.

EASTERN CAMPAIGN

In April, May, and June a campaign was put on in Eastern Canada, demonstrating the coals in the existing equipment and proving to the satisfaction of the users that equal service to that obtained from Hard coal could be maintained. Public demonstrations were also run at Toronto, Ottawa, London, Windsor, Brantford, Hamilton, and several other points. This feature was carried to greater extent in Toronto than the other cities. A fire hall in the heart of Toronto was obtained, in which four of the different makes of hot air furnaces were set up, and one kitchen range. This was kept on demonstration for about six weeks, during which time some thousands of persons visited same. A demonstration was also put on at Toronto by the Simpson Company, who set up a Hot Air furnace in their store, which formed a great attraction to visitors.

Co-operation was obtained from practically all the Eastern newspapers. Much assistance was also given by the McClary Manufacturing Company of London, Ont.

A wide distribution was made in Eastern Canada of the "Coal Truth" pamphlets and the "Coal Truth" books. These were very effective in attracting attention to the merits of the coal as compared with the soft coals sold on the Eastern market. Articles were also supplied to the Eastern magazines, featuring the economic value to Canada, and to manufacturers in particular, which the extended use of Canadian coals would have.

STEAM COAL SITUATION

There is no change for the better in the steam coal situation. Very little Alberta coal is being used for steam purposes, the price being the main factor. At the present time, the American coals are dumped at the Lake ports during the summer season. These coals are offered for sale in Winnipeg later in the season, at prices much lower than the prices of similar coals in the United States. While this condition exists, tenders submitted by Western operators must of necessity receive little consideration, most coal being purchased entirely on a price basis.

GENERAL

The "Western Canada Coal Review" has been of great assistance to us in the way of information and articles.

We have also been enabled through the "Coal Truth" pamphlets to keep the "Made-in-Canada Campaign" before the public.

Efforts should be continued to persuade the public to buy coal during the summer months.

Respectfully yours,

GEORGE R. PRATT,

Fuel Engineer,

Winnipeg, Man.

JOHN T. STIRLING, ESQ.,

Chief Inspector of Mines,

Edmonton, Alta.

ANNUAL PRODUCTION OF COAL FROM MINES IN THE PROVINCE OF ALBERTA

The following table is taken from a report prepared by the Dominion Bureau of Statistics and published in "Coal Statistics for Canada."

Calendar Year	Short Tons	Value
1886	43,220	\$ 81,112
1887	74,152	157,577
1888	115,124	183,354
1889	97,364	179,640
1890	128,753	198,298
1891	174,131	437,243
1892	178,970	460,605
1893	230,070	586,260
1894	184,940	473,827
1895	169,885	382,526
1896	209,162	581,832
1897	242,163	630,408
1898	315,088	787,720
1899	309,600	774,000
1900	311,450	778,625
1901	340,275	850,687
1902	402,819	960,601
1903	495,893	1,117,541
1904	661,732	1,404,524
1905	931,917	1,993,915
1906	1,246,360	2,614,762
1907	1,591,579	3,836,286
1908	1,685,661	4,127,311
1909	1,994,741	4,838,109
1910	2,894,469	7,065,736
1911	1,511,036	3,979,264
1912	3,240,577	8,113,525
1913	4,014,755	10,418,941
1914	3,683,015	9,350,392
1915	3,360,818	8,283,079
1916	4,559,054	11,386,577
1917	4,736,368	14,153,685
1918	5,972,816	20,537,287
1919	4,933,660	18,205,205
1920	6,907,765	30,186,933
1921	5,909,217	27,246,514
1922	5,990,911	24,351,913
Total	69,849,510	\$ 221,715,814

NOTE:—Production quantities and values prior to 1919 refer to sales and colliery consumption. For 1919, 1920, 1921, and 1922, mine output figures are given.

ANNUAL CONSUMPTION OF COAL IN THE DOMINION OF CANADA

The following table is taken from a report issued by the Dominion Bureau of Statistics for the year 1922:

Calendar Year	Canadian		Imported		Total	Per Capita
	Short Tons	%	Short Tons	%		
1886	1,595,950	45.9	1,884,161	54.1	3,480,111	0.758
1887	1,848,365	45.7	2,192,260	54.3	4,040,625	0.871
1888	2,013,925	37.8	3,314,353	62.2	5,328,278	1.137
1889	1,992,988	44.4	2,490,931	55.6	4,483,919	0.946
1890	2,360,196	47.8	2,581,187	52.2	4,941,383	1.031
1891	2,606,490	46.7	2,980,222	53.3	5,586,712	1.153
1892	2,464,012	44.4	3,083,429	55.6	5,546,441	1.133
1893	2,823,187	47.6	3,110,462	52.4	5,933,649	1.198
1894	2,743,376	48.5	2,917,818	51.5	5,661,194	1.130
1895	2,467,109	45.7	2,933,752	54.3	5,400,861	1.066
1896	2,639,055	45.1	3,206,456	54.9	5,845,511	1.140
1897	2,799,977	47.3	3,124,485	52.7	5,924,462	1.143
1898	3,023,079	48.0	3,274,981	52.0	6,298,060	1.200
1899	3,631,882	47.0	4,092,361	53.0	7,724,243	1.454
1900	3,989,542	47.8	4,361,563	52.2	8,351,105	1.561
1901	4,912,664	50.5	4,810,213	49.5	9,722,877	1.810
1902	5,376,413	51.0	5,165,938	49.0	10,542,351	1.927
1903	6,005,735	52.2	5,491,870	47.8	11,507,605	2.055
1904	6,697,183	49.2	6,969,651	50.8	13,666,834	2.346
1905	7,032,661	48.9	7,343,880	51.1	14,376,541	2.362
1906	7,927,560	51.7	7,398,906	48.3	15,326,466	2.425
1907	8,617,352	45.0	10,549,503	55.0	19,166,855	2.947
1908	9,156,478	47.3	10,195,424	52.7	19,351,902	2.820
1909	8,913,376	47.9	9,711,826	52.1	18,625,202	2.682
1910	10,532,103	50.2	10,438,123	49.8	20,970,226	2.960
1911	9,822,749	40.5	14,424,949	59.5	24,247,698	3.365
1912	12,385,696	46.0	14,549,104	54.0	26,934,800	3.657
1913	13,450,158	42.6	18,132,387	57.4	31,582,545	4.196
1914	12,214,403	45.5	14,637,920	54.5	26,852,323	3.490
1915	11,500,480	48.1	12,406,212	51.9	23,906,692	3.041
1916	12,348,036	41.3	17,517,820	58.7	29,865,856	3.717
1917	12,313,603	37.2	20,810,132	62.8	33,123,735	4.049
1918	13,166,731	37.8	21,611,101	62.2	34,771,832	4.175
1919	11,849,046	41.1	16,982,773	58.9	28,831,819	3.401
1920	14,388,541	40.9	20,815,596	59.1	35,204,137	4.079
1921	13,070,217	41.9	18,103,620	58.1	31,173,837	3.547
1922	13,338,849	48.3	14,257,424	57.7	27,596,273	3.078

The following tables are taken from a report prepared by the Dominion Bureau of Statistics, and published in "Coal Statistics for Canada."

IMPORTS OF ANTHRACITE COAL INTO ONTARIO,
MANITOBA, SASKATCHEWAN, AND ALBERTA BY
KINDS AND GRADES AND BY PROVINCES FROM
1920 TO 1922 INCLUSIVE

Destination	1920		1921		1922	
	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust	Egg, Nut, etc.	Dust
Ontario	3,124,575	116,889	3,024,304	45,913	1,573,545	70,016
Manitoba ...	12,520	4,989	30,724	2,749	10,975	3,740
Saskatchewan	162	44	254	.....	111	120
Alberta	341	176	66	.....	.....	.....
Total	3,137,598	122,098	3,055,348	48,662	1,584,631	73,876

IMPORTS OF BITUMINOUS COAL INTO ONTARIO,
MANITOBA, SASKATCHEWAN, AND ALBERTA BY
KINDS AND GRADES, AND BY PROVINCES FROM
1920 TO 1922 INCLUSIVE

Destination	1920		1921		1922	
	Round and Run of Mine	Slack	Round and Run of Mine	Slack	Round and Run of Mine	Slack
Ontario	10,497,651	1,839,252	8,854,892	1,854,854	7,917,917	1,529,676
Manitoba ...	23,601	19,946	25,815	51,018	29,491	45,357
Saskatchewan	535	.....	645	1,482	385	1,099
Alberta	348	259	797	1,032	538	609
Total	10,522,135	1,859,457	8,882,149	1,908,386	7,948,331	1,576,741

The following tables show the quantity in tons of coal entered for consumption for each year since 1913 through ports in the Provinces of Manitoba, Saskatchewan, Ontario, British Columbia, and Alberta.

BITUMINOUS ROUND

Year.	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- ber- ta	British Co- lumbia	Total Canada
1913.....	961,722	.....	1,568,936	.....	69,011	1,823	59	67,990	.....
1914.....	1,002,368	.....	1,966,458	.....	23,434	2,803	118	162,288	.....
1915.....	641,293	.....	897,470	.....	46,898	460	499	38,322	.....
1916.....	895,553	45,654	1,104,134	.....	72,376	274	107	.....	.....
*1917.....	501,830	55,010	945,588	.....	162,554	193	79	.....	.....
†1918.....	643,728	.....	1,562,314	.....	28,234	419	913	4,784	.....
1919.....	570,154	46,162	1,078,841	13,200,331	40,990	1,128	301	.....	10,127,965
1920.....	560,965	100,369	1,313,915	.....	23,601	535	348	.....	13,635,945
1921.....	650,150	118,370	1,199,974	.....	25,815	901	541	.....	10,978,390
1922.....	295,871	40,041	977,900	.....	33,191	299	461	.....	8,133,366
†1923.....	8,972,477	556,614	76,943	1,442,456	11,048,490	34,328	421	564	11,745	13,417,322

NOTE:—*The figures showing for 1917 are for importations for nine months ending September 30, 1917.

†The figures showing for 1918 include round and slack.

‡Amount of importation to Central Ontario not available previous to 1923.

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BITUMINOUS SLACK

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Canada
1913	3,641	.....	41,630	.....	46,092	340	691	12,752	.....
1914	16,954	.....	91,758	.....	36,785	298	165	27,675	.....
1915	29,347	.....	136,435	.....	56,587	174	224	6,850	.....
1916	9,584	19,796	170,886	.....	57,980	446	144	.....	.....
*1917	32,008	16,385	101,749	.....	30,950	412	390	.....	.....
†1918
1919	21,883	11,004	124,019	.....	26,330	297	890	.....	2,228,197
1920	10,905	11,588	77,794	.....	19,946	.....	259	.....	2,266,687
1921	9,613	9,586	116,181	.....	51,018	1,482	1,032	.....	2,557,860
1922	958	14,159	72,156	.....	47,627	1,018	686	.....	2,184,407
‡1923	2,649,382	62,423	18,496	289,211	3,019,512	77,806	1,186	546	6,174	4,099,786

NOTE:—*The figures showing for 1917 are for importations for nine months ending September 30, 1917.

†The importations of slack for 1918 are included in the table showing Bituminous Round for that year.

‡Amount of importation to Central Ontario not available previous to 1923.

ANTHRACITE COAL

Year	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Canada
1913	167,705	.....	294,162	.....	17,321	43	21	1,354	.....
1914	205,380	.....	376,835	.....	29,719	111	119	3,153	.....
1915	146,207	.....	316,744	.....	22,274	105	.....	95	.....
1916	121,654	.....	378,189	.....	33,764	35	.....	.....	.....
*1917	76,222	.....	272,571	.....	17,185	9	.....	.....	.....
1918	65,594	.....	249,910	.....	2,827	37	.....	226	.....
1919	108,019	9	346,442	.....	12,977	.....	66	.....	4,952,675
1920	69,206	2,647	226,476	.....	17,509	206	517	.....	4,912,964
1921	62,782	138	198,108	.....	33,473	254	66	.....	4,566,370
1922	15,056	12	36,018	.....	14,815	231	.....	.....	2,710,252
1923	3,065,149	28,229	429	54,329	3,148,136	55,856	2,291	.....	174	5,171,251

NOTE:—*The figures showing for 1917 are for importations for nine months ending September 30, 1917.

The following tables, showing quantities in tons of coal entered for consumption for each month during the year 1923, through ports in the Provinces of Manitoba, Saskatchewan, Alberta, British Columbia, and Ontario, have been compiled from information received from the Dominion Bureau of Statistics:

BITUMINOUS ROUND

Months	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Man. Sask., B. C. & Alta.	Total Canada
January	839,066	92	9,373	13,295	861,826	5,666	12	20	2,180	7,878	1,003,295
February	582,991	.....	3,976	.....	586,967	1,281	.....	37	1,088	2,406	697,797
March	799,975	89	5,624	.....	805,688	1,833	60	137	831	2,861	1,024,557
April	476,517	.....	3,899	.....	480,416	1,200	.....	.....	954	2,154	585,455
May	788,239	38,066	4,264	9,914	840,483	1,156	158	70	263	1,647	976,154
June	879,069	98,896	4,634	318,922	1,301,521	725	30	112	127	994	1,596,162
July	976,681	85,504	1,977	117,095	1,181,257	1,118	29	29	790	1,966	1,482,548
August	882,371	134,954	6,655	295,456	1,319,436	2,471	60	64	479	3,074	1,687,723
September	814,213	81,576	1,750	211,445	1,108,984	3,900	.....	65	889	4,854	1,301,488
October	769,347	62,228	13,614	163,830	1,009,019	4,628	71	30	2,480	7,209	1,212,617
November	623,606	27,003	11,655	153,507	815,771	5,512	1	.....	1,151	6,664	963,724
December	540,402	28,206	9,522	158,992	737,122	4,838	.....	.....	513	5,351	885,802
Total	8,972,477	556,614	76,943	1,442,456	11,048,490	34,328	421	564	11,745	47,058	13,417,322

BITUMINOUS SLACK

Months	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Man. Sask., & B. C. & Alta.	Total Canada
January	167,512	.....	3,044	.....	170,556	9,304	90	.....	1,184	10,578	216,852
February	142,767	.....	2,664	.....	145,431	7,265	40	.....	3,146	10,451	205,860
March	218,286	.....	3,325	.....	221,611	6,058	186	143	.....	6,387	299,783
April	102,294	.....	1,398	.....	103,692	4,268	176	34	.....	4,478	170,281
May	202,149	.....	739	.....	202,888	2,220	316	102	52	2,690	274,447
June	285,173	4,803	380	46,790	337,146	1,420	39	108	.....	1,567	460,315
July	281,340	11,251	511	52,126	345,228	1,237	98	20	.....	1,355	466,453
August	372,118	17,764	283	46,178	436,343	6,121	137	34	.....	6,292	569,933
September	293,244	14,802	523	51,599	360,168	7,716	34	33	43	7,826	495,070
October	263,446	7,682	851	31,130	303,109	10,568	33	72	815	11,488	407,668
November	182,960	2,892	2,388	27,151	215,391	10,859	.....	.....	896	11,755	292,891
December	138,093	3,229	2,390	34,237	177,949	10,770	37	.....	38	10,845	240,203
Total	2,649,382	62,423	18,496	289,211	3,019,512	77,806	1,186	546	6,174	85,712	4,099,786

THE MINES BRANCH

ANTHRACITE

Months	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Man. Sask., B. C. & Alta.	Total Canada
January	277,450	.....	2	.....	277,452	808	.....	.....	.....	808	421,567
February	264,546	.....	2	.....	264,548	86	.....	.....	111	197	422,550
March	322,915	.....	.....	.....	322,915	4	.....	.....	.....	4	493,347
April	246,980	.....	.....	141	247,121	37	.....	.....	.....	37	415,452
May	300,555	.....	.....	92	300,647	241	.....	.....	.....	241	433,044
June	293,819	.....	.....	.....	293,819	1,242	43	.....	.....	1,285	505,902
July	288,223	.....	.....	.....	306,156	3,817	68	.....	.....	3,885	495,767
August	278,129	7,409	88	12,041	297,667	15,572	630	.....	2	16,204	488,282
September	153,986	7,509	32	2,185	163,712	8,645	484	.....	.....	9,129	328,821
October	189,158	.....	184	3,151	192,493	5,959	228	.....	32	6,219	311,116
November	233,879	.....	3	3,412	237,343	10,396	356	.....	29	10,781	404,112
December	215,509	13,187	118	15,449	244,263	9,049	482	.....	.....	9,531	451,291
Total	3,065,149	28,229	429	54,329	3,148,136	55,856	2,291	.....	174	58,321	5,171,251

TOTAL IMPORTATION

Classification	Central Ontario	Port Arthur	Fort Frances	Fort William	Total Ontario	Manitoba	Sask- atch- ewan	Al- berta	British Co- lumbia	Total Man, Sask., B. C. & Alta.	Total Canada
Bituminous Slack	2,649,382	62,423	18,496	289,211	3,019,512	77,806	1,186	546	6,174	85,712	4,099,786
Bituminous Round	8,972,477	556,614	76,943	1,442,456	11,048,490	34,328	421	564	11,745	47,058	13,417,322
Anthracite	3,065,149	28,229	429	54,329	3,148,136	55,856	2,291	.....	174	58,321	5,171,251
Total	14,687,008	647,266	95,868	1,785,996	17,216,138	167,990	3,898	1,110	18,093	191,091	22,688,359

MINERAL PRODUCTION OF ALBERTA—1922-1923

Kind	1922		*1923	
	Quantity	Value	Quantity	Value
NON-METALLIC				
Coal, tons	5,990,911	\$24,351,913	6,848,538	\$28,278,843
Natural Gas, M. cu. ft.	5,867,459	1,622,105	6,135,260	1,700,000
Petroleum, bbls.	5,608	52,128	4,525	30,902
STRUCTURAL MATERIALS AND CLAY PRODUCTS				
Cement, bbls.			318,756	740,940
Clay Products		700,063		612,242
Quicklime, bus.			96,905	37,653
Lime, Hydrated, tons	130,627	71,328	33	346
Sand and Gravel, tons			1,141,189	231,497
Stone, tons	554	7,300	14,200	14,393
†Other Products		1,067,299		
Total for Alberta		\$27,872,136		\$31,646,816

* Subject to revision.

† Includes cement and sand and gravel.

Prepared in the
 MINING, METALLURGICAL & CHEMICAL BRANCH,
 OTTAWA, ONTARIO.

The following table gives particulars, with reference to the Coal-mining Industry in the Province of Alberta, for the year ending December 31, 1923:

SUMMARY OF STATISTICS

Number of short tons of coal produced	6,866,923
Number of short tons of briquettes produced	39,638
Number of short tons of shale produced for making brick	10,618
Number of coal mines in operation during the year	362
Number of shale mines in operation	3
Number of mines opened	59
Number of mines re-opened	5
Number of mines abandoned	87
Number of mines closed but not abandoned	65
Number of coal mines in operation at December 31, 1923	258
Average number of persons employed below ground	7,749
Average number of persons employed above ground	2,178
Number of separate accidents causing loss of life	22
Number of deaths caused by accidents above ground	3
Number of deaths caused by accidents below ground	19
Number of serious accidents above ground	6
Number of serious accidents below ground	38
Number of slight accidents above ground	10
Number of slight accidents below ground	68
Number of persons prosecuted under The Mines Act	251
Number of Provisional Overmen's Certificates issued in 1923	60
Number of Third Class Certificates issued during 1923	7
Number of Second Class Certificates issued during 1923	3
Number of First Class Certificates issued during 1923	7
Number of Mine Surveyors' Certificates issued during 1923	852
Total number of Third Class Certificates issued to Dec. 31, 1923	343
Total number of Second Class Certificates issued to Dec. 31, 1923	204
Total number of First Class Certificates issued to Dec. 31, 1923	169
Total number of Mine Surveyors' Certificates issued to Dec. 31, 1923 ...	

The following tables give particulars of work done at the Shale Mines in the Province:

OUTPUT OF SHALE IN TONS OF 2000 LBS., USED FOR MAKING BRICKS, 10,618

AVERAGE NUMBER OF DAYS WORKED

District	January	February	March	April	May	June	July	Aug.	Sept.	October	Nov.	Dec.	Total Average
Medicine Hat	19	12	13	14	19	21	18	21	13	18	18	15	201

NUMBER OF MEN EMPLOYED IN SHALE MINES

District	January	February	March	April	May	June	July	August	Sept.	October	Nov.	Dec.	Average
Medicine Hat	2	4	27	31	54	54	55	57	35	38	40	35	36

Mine timber used, (lineal feet), 2,420.
Explosives used: 40 per cent. Dynamite, 4,374 lbs.
There were 833,316 bricks put to stock during the year 1923.

Shots fired: Fuse, 2,410.
Miss-fires: Fuse,

NUMBER BRICKS SOLD FOR USE IN:

Alberta	British Columbia	Saskatchewan	Manitoba	Total
1,920,594	419,000	3,703,140	512,700	6,555,434

NOTE:—No reports received of operations at the copper mine.

In the following tables the short ton of 2,000 lbs. is used in all cases.

Year	Output in tons for N.W.T. (Alberta and Saskatchewan)	Output in tons, Alberta
1901	346,649	.....
1902	510,674	.....
1903	622,939	.....
1904	782,931	.....
1905	811,228
1906	1,385,000
1907	1,834,745
1908	1,845,000
1909	2,174,329
1910	3,036,757
1911	1,694,564
1912	3,446,349
1913	4,306,346
1914	3,821,739
1915	3,434,891
1916	4,648,604
1917	4,863,414
1918	6,148,620
1919	5,022,412
1920	6,908,923
1921	5,937,195
1922	5,976,432
1923	6,866,923

Classification of Outputs during the Years 1901 to 1923, inclusive:

Year	Domestic	Domestic and Bituminous	Sub-bituminous	Bituminous	Anthracite	Coal used in Coke production	Briquettes	Coke
*1901	.....	331,907	.....	.....	14,742	.....	.....	.....
*1902	.....	494,087	.....	.....	16,587	.....	.....	.....
*1903	.....	617,754	.....	.....	5,185	.....	.....	.....
*1904	.....	759,568	.....	.....	23,363	.....	.....	.....
*1905	.....	972,686	.....	.....	43,653	71,292	.....	46,640
1906	602,780	.....	.....	546,623	235,597	103,930	.....	69,844
1907	639,335	.....	.....	939,295	256,115	112,887	49,585	73,782
1908	584,334	.....	.....	1,011,571	249,095	128,397	36,261	75,657
1909	763,673	.....	.....	1,197,399	213,257	148,104	89,785	87,812
1910	878,011	.....	.....	1,896,961	261,785	196,249	108,996	121,578
1911	964,700	.....	.....	649,745	80,119	170,818	48,200	35,984
1912	1,341,389	.....	.....	1,926,371	178,589	170,818	90,009	105,684
1913	1,763,225	.....	.....	2,374,401	168,720	104,012	130,861	65,167
1914	1,697,401	.....	.....	1,953,367	170,971	33,249	109,082	29,058
1915	1,682,922	.....	.....	1,626,237	125,732	38,878	83,180	23,826
1916	2,172,801	.....	.....	2,335,259	140,544	67,105	107,959	41,950
1917	2,537,829	.....	.....	2,206,868	118,717	51,905	93,818	31,630
1918	3,035,061	.....	.....	2,982,334	131,225	53,462	100,470	32,858
1919	2,611,009	.....	.....	2,325,787	85,616	.....	70,033	.....
1920	3,359,309	.....	.....	3,419,021	130,594	.....	101,693	.....
1921	2,943,141	.....	.....	2,897,380	96,674	.....	62,466	.....
1922	3,086,669	.....	635,073	2,214,273	40,417	.....	33,663	.....
1923	3,161,741	.....	463,461	3,241,614	107	.....	39,638	.....

*Includes outputs from Alberta and Saskatchewan.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.
During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.
During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

NOTE:—Previous to 1922 Sub-Bituminous was included in Bituminous coal.

The following table shows the Outputs of the different districts for the year 1922 and 1923:

Districts	1922				1923			
	Domestic	Sub-Bituminous	Bituminous	Anthracite	Domestic	Sub-Bituminous	Bituminous	Anthracite
Crow's Nest Pass	.....	.....	.....	.....	.....	.....	.....	.....
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....
Lethbridge	.....	10,850	1,026,581	.....	.....	9,444	1,606,565	.....
Magrath	565,926	.....	.....	.....	654,215	.....	.....	.....
Milk River	3,137	.....	.....	.....	2,863	.....	.....	.....
Taber	9,206	.....	.....	.....	6,031	.....	.....	.....
Bow Island	63,867	.....	.....	.....	27,772	.....	.....	.....
Medicine Hat	6,473	.....	.....	.....	6,331	.....	.....	.....
Aldersyde	32,871	.....	.....	.....	22,918	.....	.....	.....
High River	12,059	.....	.....	.....	9,321	.....	.....	.....
Calgary	.....	2,508	.....	.....	.....	2,288	.....	.....
Canmore	.....	217	169,448	.....	.....	860	264,447	.....
Banff	.....	.....	.....	40,417	.....	.....	.....	107
Gleichen	.....	.....	.....	.....	10,465	.....	.....	.....
Drumheller	.....	.....	.....	.....	821,465	.....	.....	.....
Rosedale	1,170,913	.....	.....	.....	159,250	.....	.....	.....
Wayne	.....	.....	.....	.....	256,653	.....	.....	.....
Big Valley	37,215	.....	.....	.....	47,795	.....	.....	.....
Saunders	.....	74,434	.....	.....	.....	73,295	.....	.....
Brazeau	.....	.....	321,470	.....	.....	.....	493,378	.....
Brooks	15,610	.....	.....	.....	8,316	.....	.....	.....
Hanna	42,573	.....	.....	.....	29,563	.....	.....	.....
Lacombe	17,138	.....	.....	.....	11,706	.....	.....	.....
Trochu	21,305	.....	.....	.....	15,490	.....	.....	.....
Three Hills	44,610	.....	.....	.....	40,606	.....	.....	.....
Carbon	39,757	.....	.....	.....	50,999	.....	.....	.....
Battle River	23,393	.....	.....	.....	17,403	.....	.....	.....
Camrose	76,038	.....	.....	.....	72,656	.....	.....	.....
Tofield	86,909	.....	.....	.....	104,886	.....	.....	.....
Clover Bar	435,284	.....	.....	.....	395,371	.....	.....	.....
Edmonton	112,102	.....	.....	.....	130,112	.....	.....	.....
Strathcona	.....	.....	.....	.....	5,361	.....	.....	.....
Namoo	8,262	.....	.....	.....	13,264	.....	.....	.....
Cardiff	108,780	.....	.....	.....	72,139	.....	.....	.....
Wabamun	40,523	.....	.....	.....	56,634	.....	.....	.....
Pembina	112,718	.....	.....	.....	111,505	.....	.....	.....
Jasper Park	.....	.....	339,076	.....	.....	377,574	248,659	.....
Yellowhead	.....	547,064	.....	.....	.....	.....	634,474	.....
Mountain Park	.....	.....	357,698	.....	.....	.....	.....	.....
Peace River	.....	.....	.....	.....	651	.....	.....	.....
Total	3,086,669	635,073	2,214,273	40,417	3,161,741	463,461	3,241,614	107

THE MINES BRANCH

The following table shows how the total output of COAL and BRIQUETTES was disposed of during 1923:

	Sold for consumption in:						Total Sales	Used under Colliery Boilers	Used by Colliery R.R.	Used making Briquettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Railroad								
Domestic	1,222,848	70,631	1,124,948	483,183	50,775	21,181	.....	2,973,566	1,766	.....	22,519	34,373	20,789	9,430	3,101,741
Sub-Bituminous	54,825	14,351	28,541	60,431	1,559	122	249,193	409,022	2,683	.....	5,376	35,453	1,532	137	463,461
Bituminous	105,113	23,344	69,965	10,025	.....	62,254	2,860,928	3,131,629	3,693	410	26,167	4,709	12,821	5,365	3,241,614
Anthracite	2	.....	.....	.....	.....	.....	.....	2	.....	36,952	.....	.....	37,164	.....	107
Total	1,382,788	108,326	1,223,454	553,639	52,334	83,557	3,110,121	6,514,219	8,142	37,362	54,062	74,535	72,306	14,932	6,866,923
Briquettes	482	.....	.....	.....	.....	.....	39,032	39,514	.....	.....	114	.....	296	.....	39,638

The following table shows how the total output of COAL and BRIQUETTES was disposed of during 1922:

	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used making Briquettes	Used under Colliery Boilers	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including put to stock and waste put not lifted from stock or waste.
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	Quebec	United States								
Domestic	1,243,996	69,701	1,104,846	436,473	20,649	102	18,453	2,894,220	.....	165,849	15,198	52,176	39,750	1,024	3,086,669
Sub-Bituminous	86,974	14,564	51,338	62,982	798	...	351	611,951	.....	14,287	1,399	9,539	2,103	.....	635,073
Bituminous	110,782	22,427	214,269	21,053	126	...	86,640	2,134,389	.....	88,452	11,556	1,755	21,879	.....	2,214,273
Anthracite	2,190	1,228	796	10	.....	.....	70	6,549	30,694	15,540	.....	2,309	14,675	.....	40,417
Total	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	5,647,109	30,694	284,128	28,153	65,779	78,407	1,024	5,976,432
Briquettes	2,858	455	986	561	.....	.....	.....	33,702	.....	64	682	.....	785	.....	33,663

The following table indicates how the total output of DOMESTIC Coal for the Province was disposed of:

Name of District	Sold for Consumption in						Total Sales	Used under Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year, including put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
Lethbridge	150,708	26,610	342,471	49,721	1,995	8,160	579,665	65,037	1,247	18,527	10,329	16,542	4,048	654,215
Magrath	2,863						2,863							2,863
Milk River	5,886			92		73	6,051			15		35		6,031
Taber	9,721	464	6,100	4,534	773	145	21,737	8,877	300	38	495		3,675	27,772
Bow Island	5,856						5,856	1			474			6,331
Medicine Hat	6,309	354	13,844	633		898	22,038	163		110	607			22,918
Aldersyde	9,086						9,086				235			9,321
Gleichen	10,142						10,142	167		35	121			10,465
Drumheller	188,477	10,985	337,579	232,757	18,810	9,853	798,461	23,140	125	382	393	1,036		821,465
Rosedale	33,083	448	87,671	32,564	1,309	525	155,600	2,506	94	90	960			159,250
Wayne	47,236	1,962	116,365	67,694	4,873	768	238,898	9,493		650	7,761	149		256,653
Big Valley	24,614		15,144	5,926	895	66	46,645	1,140			10			47,795
Brooks	8,294						8,294	22						8,316
Hanna	23,422	73	2,404	1,245	33		27,177	1,509			877			29,563
Lacombe	10,481		811				11,292				416		2	11,706
Trochu	9,087	740	1,273	2,577			13,677	522		65	1,226			15,490
Three Hills	19,747	430	6,248	10,772	171	260	37,628	2,742			240		4	40,606
Carbon	23,136	456	11,185	13,707	605		49,089	2,280		70	45	485		50,999
Battle River	16,275			32			16,307			290	806			17,403
Camrose	49,827		18,695	1,947	64		70,533	1,106		50	2,768	561	1,240	72,656
Tofield	26,163		62,645	14,310	97		103,215	1,605			66			104,886
Clover Bar	308,132	933	50,359	12,867		433	375,629	19,567		75	100			395,371
Edmonton	120,217		4,722	2,406	2,905		127,758	2,815					461	130,112
Srathcona	4,823				413		4,823				538			5,361
Namoo	12,505		93				12,598	434			202			13,264
Cardiff	58,976		6,862	2,017			67,855	3,936		30	348			72,139
Wabamun	19,580	7,245	22,946	1,975	2,403		54,149	1,270			1,215			56,634
Pembina	17,551	19,931	17,531	25,407	15,429		95,849	11,404		2,092	4,141	1,981		111,505
Peace River	651						651							651
Total	1,222,848	70,631	1,124,948	483,183	50,775	21,181	2,973,566	159,736	1,766	22,519	34,373	20,789	9,430	3,161,741

The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of:

DISTRICTS	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	United States									
Pincher Creek	7,039	792	1,389	47	94	94	9,361	83	44	30	15	137	547	137	9,444
High River	2,172	812	21,439	1,821	16,300	28,396	509	42	33	662	4,670	35,271	985	.....	2,288
Calgary	812	21,439	1,821	16,300	28,396	509	.....	4,715	7,723	2,683	4,670	35,271	985	.....	860
Saunders	23,363	11,738	10,852	31,988	1,050	28	249,193	328,212	7,723	2,683	4,670	35,271	985	.....	73,295
Yellowhead .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	377,574
Total	54,825	14,351	28,541	60,431	1,559	122	249,193	409,022	12,596	2,683	5,376	35,453	1,532	137	463,461

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The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of:

DISTRICTS	Sold for Consumption in						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Used making Brickettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	United States										
Crow's Nest Pass	86,080	12,040	60,006	4,017	.....	62,254	1,330,874	1,555,271	42,330	644	.....	7,655	4,709	4,588	5,365	1,600,656
Canmore	10,105	1,447	3,514	2,587	.....	.....	231,588	249,241	14,629	625	410	4,375	.....	4,833	.....	264,447
Brazeau	2,967	.....	142	287	.....	.....	482,665	486,061	7,867	.....	.....	2,150	.....	2,700	.....	493,378
Jasper Park	627	33	.....	.....	.....	.....	233,978	234,638	11,978	2,043	.....	700	.....	700	.....	248,659
Mountain Park	5,334	9,824	6,303	3,134	.....	.....	581,823	606,418	16,388	381	.....	11,287	.....	.....	.....	634,474
Total	105,113	23,344	69,965	10,025	.....	62,254	2,860,928	3,131,629	93,192	3,693	410	26,167	4,709	12,821	5,365	3,241,614

The following table indicates how the total output of DOMESTIC Coal from the Province was disposed of by months during the year 1923:

Months	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
January	151,556	7,532	107,005	59,505	5,239	2,672	333,509	16,450	196	1,399	3,286	4,131	2,080	348,629
February	143,878	7,869	128,720	70,482	4,208	3,556	358,713	15,214	134	1,585	3,661	984	1,235	377,088
March	89,169	5,376	65,947	36,003	4,772	2,039	203,306	13,920	51	858	1,771	1,545	1,332	218,029
April	68,093	2,774	45,421	18,621	1,058	848	136,815	11,169	56	3,199	1,132	660	347	151,364
May	40,729	1,678	27,623	8,210	2,014	334	80,588	8,683	72	938	929	5,147	319	85,744
June	35,157	2,823	34,115	9,271	1,805	324	83,495	7,426	89	1,688	942	1,228	626	91,786
July	52,786	1,871	48,850	16,665	2,785	593	123,550	10,993	151	983	1,199	1,719	950	134,207
August	77,212	3,081	91,829	23,878	8,855	1,289	206,144	11,951	173	1,916	2,335	878	140	221,501
September	81,473	7,199	98,550	38,714	2,834	2,582	231,352	13,553	160	2,786	3,251	661	1,300	249,141
October	132,505	11,966	173,586	91,456	12,243	2,290	424,046	16,682	201	2,773	5,491	2,117	185	446,891
November	189,825	10,700	196,625	63,860	3,790	3,107	467,907	17,502	343	3,543	5,961	2,260	.....	494,996
December	160,465	7,762	106,677	46,518	1,172	1,547	324,141	16,193	140	851	4,415	1,459	1,916	342,365
Total	1,222,848	70,631	1,124,948	483,183	50,775	21,181	2,973,566	159,736	1,766	22,519	34,373	20,789	9,430	3,161,741

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The following table indicates how the total output of SUB-BITUMINOUS Coal from the Province was disposed of by months during 1923:

Months	Sold for Consumption in:						Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Put to Stock	Put on Waste Heap	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States								
January	4,481	1,774	2,660	13,597	66	47	64,174	1,465	330	413	8,288	.....	.....	74,670
February	12,390	1,665	3,738	8,152	.....	.....	56,774	1,354	309	77	6,177	100	.....	64,591
March	3,002	1,328	1,184	3,786	96	.....	35,930	850	849	182	3,302	248	.....	40,865
April	1,234	490	385	1,267	90	28	17,709	563	125	186	2,161	138	.....	20,606
May	1,931	1,830	477	1,955	.....	.....	36,441	608	200	.....	5,589	96	.....	43,829
June	1,697	519	650	1,921	122	.....	39,971	794	230	55	5,589	52	.....	46,587
July	2,140	739	1,356	2,433	.....	.....	19,040	815	80	.....	2,345	55	.....	22,225
August	7,581	389	3,255	4,292	512	47	16,215	938	40	141	.....	.....	137	17,197
September	6,794	1,043	4,072	5,802	202	.....	18,283	1,168	40	362	.....	141	.....	19,712
October	4,015	1,259	3,770	8,386	331	.....	26,525	1,135	120	727	100	264	.....	28,343
November	3,485	1,599	3,623	6,593	44	.....	44,835	1,308	160	3,163	685	177	.....	49,974
December	6,075	1,716	3,371	4,247	96	.....	33,125	1,598	200	70	130	261	.....	34,862
Total	54,825	14,351	28,541	60,431	1,559	122	409,022	12,596	2,683	5,376	35,453	1,532	137	463,461

The following table indicates how the total output of BITUMINOUS Coal from the Province was disposed of by months during the year 1923:

Months	Sold for Consumption in						Total Sales	Used under Colliery Boilers	Used by Colliery Railroads	Used making Briquettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total output for year including, put to stock and waste, but not lifted from stock or waste.
	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States									
January	10,136	6,410	6,217	1,079		8,436	413,417	9,092	659		855	454	530	271	423,676
February	9,875	2,350	6,242	792		9,276	279,366	7,823	502		370	255	1,344	374	286,598
March	5,925	1,412	2,694	370		7,864	248,924	8,227	349		781	555	1,207		257,629
April	4,310	1,165	2,530	608		6,293	261,650	7,556	350		2,842	191	781		271,608
May	6,053	2,122	1,301	689		4,893	328,790	7,253	356		264	416	338	206	336,535
June	4,654	406	1,369	422		1,759	247,504	7,342	239		284	281	177		255,473
July	7,924	270	5,687	391		1,389	351,931	8,088	306		540	472	919		360,418
August	11,959	836	14,569	557		3,381	361,250	8,256	272		2,010	553	540	499	371,302
September	16,007	2,377	12,465	770		6,163	168,162	7,523	183	410	1,112	359	1,112	1,233	177,842
October	12,997	944	6,893	1,682		5,300	155,141	7,451	183		3,523	435	3,038		163,695
November	6,199	1,573	4,989	1,501		4,384	109,874	6,899	127		367	329	1,998	1,397	114,201
December	9,074	3,479	5,009	1,164		3,116	205,620	7,882	167		10,781	409	837	1,385	222,637
Total	105,113	23,344	69,965	10,025		62,254	3,131,629	93,192	3,693	410	26,167	4,709	12,821	5,365	3,241,614

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The following table indicates how the total output of ANTHRACITE Coal was disposed of by months during 1923:

Months	Sold for Consumption in:						Sold to Railroad Companies	Total Sales	Used under Colliery Boilers	Used making Brickettes	Put to Stock	Put to Waste	Lifted from Stock	Lifted from Waste	Total Output
	Alberta	British Columbia	Saskatche- wan	Manitoba	Ontario	United States									
January	4,576	..	..	4,576	..	..
February	3,312	..	..	3,312	..	..
March	103	5,162	..	..	5,265	..	..
April	20	4,910	..	..	4,930	..	..
May	27	4,173	..	..	4,200	..	..
June	4,820	..	..	4,820	..	..
July	5,115	..	..	5,115	..	..
August	60	4,884	..	..	4,944	..	..
September
October
November
December	2	..	..	..	..	..	..	2	107	..	..	..	2	..	107
Total	2	..	..	..	..	..	..	2	317	36,952	..	..	37,164	..	107

The following table shows the total amount of coal sold during the years 1915 to 1923, inclusive, for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	By Railroads	Total
1915.....	2,129,120	54,860	695,898	64,816	.....	....	25,047	.....	2,967,751
1916.....	2,866,670	86,413	1,007,765	97,265	.....	....	61,092	.....	4,119,205
1917.....	2,813,413	76,397	1,139,771	249,872	.....	....	93,081	.....	4,372,534
1918.....	3,440,154	101,189	1,372,439	511,168	629	....	133,276	.....	5,558,855
1919.....	2,991,110	95,461	1,115,329	314,290	308	....	121,212	.....	4,637,710
1920.....	1,647,202	128,850	1,310,146	600,962	13,911	30	153,610	2,516,555	6,371,266
1921.....	1,415,861	116,089	1,294,441	495,388	9,898	...	133,823	2,023,204	5,488,704
1922.....	1,443,942	107,920	1,371,249	520,518	21,573	102	105,514	2,076,291	5,647,109
1923.....	1,382,788	108,326	1,223,454	553,639	52,334	...	83,557	3,110,121	6,514,219

NOTE:—Previous to 1920 railroad coal was included in sales in Alberta.

The following table shows the amount of coal produced by years from 1918 to 1923 inclusive:

DOMESTIC COAL FIELD

Districts	1918	1919	1920	1921	1922	1923
Lethbridge ..	857,092	597,540	850,662	776,667	565,926	654,215
Magrath	1,627	1,816	1,827	2,539	3,137	2,863
Milk River ..	6,848	6,463	6,230	6,544	9,206	6,031
Taber	183,485	108,210	133,627	43,203	63,867	27,772
Bow Island ..	7,283	7,334	6,456	4,801	6,473	6,331
Medicine Hat	19,028	22,546	14,816	16,808	32,871	22,918
Aldersyde ...	8,069	8,091	8,339	9,127	12,059	9,321
Gleichen						10,465
Drumheller ..	881,081	804,930	1,210,687	992,456	1,170,936	821,465
Rosedale						159,250
Wayne						256,653
Big Valley ..	34,718	34,334	52,349	57,479	37,215	47,795
Brooks	9,783	8,072	13,856	14,781	15,610	8,316
Hanna	29,533	25,792	29,643	33,099	42,573	29,563
Lacombe	15,201	15,675	14,515	14,878	17,138	11,706
Trochu	18,248	24,198	20,218	20,346	21,305	15,490
Three Hills ..	30,150	26,192	32,327	31,394	44,610	40,606
Carbon	5,431	4,335	8,564	12,960	39,757	50,999
Battle River ..	12,203	13,705	13,509	19,660	23,393	17,403
Camrose	56,597	86,582	72,567	68,621	76,038	72,656
Tofield	66,054	94,549	53,226	50,469	86,909	104,886
Clover Bar	264,868	295,154	343,396	363,077	435,284	395,371
Edmonton	106,756	91,596	97,133	87,396	112,102	130,112
Strathcona ..						5,361
Namoo	21,660	10,501	16,807	7,859	8,262	13,264
Cardiff	266,142	176,021	175,102	135,491	108,780	72,139
Wabamun	19,250	32,174	29,751	27,323	40,523	56,634
Pembina	109,429	109,905	146,810	136,242	112,718	111,505
Peace River ..						651
Total	3,030,536	2,605,715	3,352,417	2,933,220	3,086,692	3,161,741

NOTE—Previous to the year 1923 the output for Rosedale and Wayne was included in the output for Drumheller.

The following table shows the amount of coal produced by years from 1918 to 1923 inclusive:

SUB-BITUMINOUS COAL FIELD

Districts	1918	1919	1920	1921	1922	1923
Pincher Creek	3,955	4,845	5,575	8,100	10,850	9,444
High River ..	570	449	1,834	1,821	2,508	2,288
Calgary					217	860
Saunders					74,434	73,295
Yellowhead ..	195,972	209,043	437,093	301,568	547,064	377,574
Total	200,497	214,337	444,502	311,489	635,073	463,461

NOTE—Previous to 1922 the output from Calgary was included in High River, and for Saunders with Brazeau.

The following table shows the amount of coal produced by years from 1918 to 1923 inclusive:

BITUMINOUS COAL FIELD

District	1918	1919	1920	1921	1922	1923
Crow's Nest Pass	1,601,486	1,187,966	1,775,529	1,272,181	1,026,581	1,600,656
Canmore ...	274,709	201,891	275,511	206,267	169,448	264,447
Brazeau	371,562	308,990	453,875	479,735	321,470	493,378
Jasper Park ..	283,342	143,521	235,584	258,091	339,076	248,659
Mtn. Park ..	255,263	274,376	241,429	379,538	357,698	634,474
Total	2,786,362	2,116,412	2,981,928	2,595,812	2,214,273	3,241,614

The following table shows the amount of coal produced by years from 1918 to 1923 inclusive:

ANTHRACITE COAL FIELD

District	1918	1919	1920	1921	1922	1923
Banff	131,225	85,616	130,594	96,674	40,417	107
Total	131,225	85,616	130,594	96,674	40,417	107

The following table shows the total production of each class of coal by months during 1923:

Months	Domestic	Sub-Bituminous	Bituminous	Anthracite	Total
January	348,629	74,670	423,676	.....	846,975
February	377,088	64,591	286,598	.....	728,277
March	218,029	40,865	257,629	.....	516,523
April	151,364	20,606	271,608	.....	443,578
May	85,744	43,829	336,535	.....	466,108
June	91,786	46,587	255,473	.....	393,846
July	134,207	22,225	360,418	.....	516,850
August	221,501	17,197	371,302	.....	610,000
September	249,141	19,712	177,842	.....	446,695
October	446,891	28,343	163,695	.....	638,929
November	494,996	49,974	114,201	.....	659,171
December	342,365	34,862	222,637	107	599,971
Total	3,161,741	463,461	3,241,614	107	6,866,923

The following table shows the total output of DOMESTIC Coal, by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	45,588	71,584	37,732	40,440	17,336	37,988	48,139	64,016	59,637	79,329	96,428	55,998	654,215
Magrath ...	248	306	265	107	71	75	98	292	158	303	554	386	2,863
Milk River ...	617	620	448	801	163	228	248	195	350	570	1,402	1,065	6,031
Taber ...	2,555	1,889	1,553	1,201	301	300	1,189	2,320	2,941	4,884	5,248	3,791	27,772
Bow Island ...	370	364	313	119	92	107	139	279	631	1,481	1,905	531	6,331
Medicine Hat ...	3,105	2,566	595	226	41	41	188	1,018	1,840	2,129	9,412	1,157	22,918
Aldersyde ...	732	595	563	294	312	244	334	639	597	1,409	2,013	1,589	9,321
Gleichen ...	1,681	1,320	1,556	607	194	244	414	327	638	881	1,354	1,249	10,465
Drumheller ...	101,728	107,308	65,924	33,587	15,008	16,543	21,184	50,766	49,589	141,053	139,009	85,766	821,465
Rosedale ...	16,433	22,416	8,301	3,230	837	2,302	2,768	10,702	19,687	28,360	28,691	15,523	159,250
Wayne ...	20,451	37,064	11,403	5,621	921	2,547	5,679	18,636	30,107	55,739	43,476	25,009	256,653
Big Valley ...	6,888	4,715	2,650	2,614	1,627	251	1,785	2,126	4,989	6,991	7,237	5,922	47,795
Brooks ...	750	486	225	213	113	114	171	415	642	1,563	2,297	1,327	8,316
Hanna ...	4,191	2,097	1,051	753	576	391	533	1,132	1,922	3,475	7,825	5,617	29,563
Lacombe ...	1,959	1,408	624	363	163	191	133	372	216	1,165	2,078	3,034	11,706
Trochu ...	2,893	2,743	2,617	271	43	32	54	156	789	1,107	2,554	2,238	15,490
Three Hills ...	7,055	4,393	2,832	1,356	638	479	674	1,995	3,835	5,431	6,078	5,840	40,606
Carbon ...	2,837	1,655	4,357	4,125	1,715	380	5,365	4,189	3,517	6,854	1,009	14,996	50,999
Battle River ...	2,755	1,934	831	190	165	76	146	108	329	1,523	5,069	4,277	17,403
Camrose ...	16,886	9,154	4,523	1,383	593	741	1,586	4,018	5,236	8,941	10,975	8,620	72,656
Tofield ...	14,350	13,796	4,596	3,821	7,085	7,359	2,669	2,405	5,409	11,107	20,068	12,221	104,886
Clover Bar ...	45,254	45,873	31,534	25,259	10,749	9,672	18,608	31,807	34,024	43,283	54,565	44,743	395,371
Edmonton ...	17,967	15,086	14,531	8,535	5,105	1,358	5,822	5,465	8,024	13,545	17,457	17,217	130,112
Strathcona ...	1,606	1,007	346	95	...	...	...	...	...	75	884	1,348	5,361
Namoo ...	1,892	1,892	984	759	313	...	...	...	829	1,690	2,542	2,271	13,264
Cardiff ...	4,753	8,737	3,864	4,229	5,798	5,145	5,946	7,792	1,787	5,791	10,575	7,722	72,139
Wabamun ...	6,051	5,314	4,154	4,159	4,809	4,911	2,537	4,031	4,431	6,061	5,636	4,540	56,634
Pembina ...	16,942	10,766	9,657	8,082	10,976	6,067	7,798	6,300	6,994	12,151	8,068	7,704	111,505
Peace River ...	...	...	...	...	...	...	...	...	...	...	587	64	651
Total	348,629	377,088	218,029	151,364	85,744	91,786	134,207	221,501	249,141	446,891	494,996	342,365	3,161,741

The following table shows the total output of SUB-BITUMINOUS Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
• Pincher Creek	1,502	1,364	1,107	178	182	16	312	767	857	1,095	1,155	909	9,444
High River ..	475	191	191	148	92	26	112	85	136	234	380	339	2,288
Calgary	12	118	126	344	89	37	51	57	26	.....	.....	.....	860
Saunders	10,549	8,225	4,190	1,993	2,515	3,079	4,466	5,943	8,424	8,009	6,601	9,301	73,295
Yellowhead ..	62,132	54,693	35,372	17,943	40,951	43,429	17,284	10,345	10,269	19,005	41,838	24,313	377,574
Total	74,670	64,591	40,865	20,606	43,829	46,587	22,225	17,197	19,712	28,343	49,974	34,862	463,461

The following table shows the total output of BITUMINOUS Coal by Districts during each month.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	218,485	143,324	69,436	84,879	156,813	164,960	195,327	225,938	92,386	84,511	60,941	163,656	1,600,656
Canmore	34,159	22,404	19,299	16,719	26,562	13,263	24,030	31,327	18,957	20,627	16,523	20,577	264,447
Brazeau	66,472	36,342	55,692	59,317	59,880	55,371	54,877	45,920	13,545	16,788	15,938	13,236	493,378
Jasper Park ..	31,730	27,583	35,470	30,546	24,450	30,512	20,161	15,708	14,301	11,312	4,000	2,886	248,659
Mountain Park	72,830	56,945	77,732	80,147	68,830	51,367	66,023	52,409	38,653	30,457	16,799	22,282	634,474
Total	423,676	286,598	257,629	271,608	336,535	255,473	360,418	371,302	177,842	163,695	114,201	222,637	3,241,614

The following table shows the total output of ANTHRACITE Coal and BRIQUETTES during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff (Anthr.) Briquettes ...	4,961	3,551	5,534	5,292	4,476	5,134	5,504	5,186	.....	.....	.....	167	107,39,638

The following table shows the total output of COAL during the year:

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Coal	846,975	728,277	516,523	443,578	466,108	393,846	516,850	610,000	446,695	638,929	659,171	599,971	6,866,923

NOTE:—No Coke was produced during the year 1923.

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The following table shows the total output of DOMESTIC Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	32,947	51,429	26,152	27,222	10,543	25,294	32,301	43,504	40,215	55,874	66,140	38,105	449,726
Magrath	97	110	144	107	71	75	84	210	135	265	288	316	1,902
Milk River	294	309	246	61	61	95	143	54	192	704	704	513	2,792
Taber	1,758	1,305	984	455	242	183	559	1,358	1,854	2,997	3,311	2,466	17,472
Bow Island	218	251	163	97	59	62	89	213	265	1,039	1,345	313	4,114
Medicine Hat	1,080	896	99	85	.....	.....	.....	110	432	645	297	177	3,821
Aldersyde	408	341	333	181	117	94	187	409	322	787	1,330	771	5,280
Gleichen	210	352	1,407	220	131	129	282	256	538	469	750	817	5,561
Drumheller	70,726	75,407	45,084	17,450	3,099	3,537	10,747	35,095	35,284	101,117	100,659	59,336	557,541
Rosedale	13,590	18,344	5,978	2,271	659	1,665	2,130	8,676	16,809	25,477	24,142	12,520	132,261
Wayne	13,863	25,081	7,614	3,902	575	1,484	3,780	14,012	22,602	42,583	33,613	18,109	187,218
Big Valley	1,334	558	83	9	38	5	717	1,180	1,855	3,142	2,087	1,329	12,337
Brooks	651	434	103	160	91	96	153	374	524	1,456	2,132	1,005	7,179
Hanna	1,746	862	422	244	142	117	176	519	807	1,212	3,042	1,528	10,817
Lacombe	570	403	111	15	.....	6	24	16	22	52	309	1,336	2,864
Trochu	1,558	1,283	1,406	105	15	14	21	84	660	869	1,653	1,484	9,152
Three Hills	3,431	1,698	869	186	40	208	218	1,193	1,749	2,575	2,353	2,253	16,773
Carbon	2,062	645	2,366	1,354	1,029	263	2,495	2,088	2,265	3,987	847	7,252	26,653
Battle River	1,608	723	334	32	20	15	54	.....	109	441	2,862	2,051	8,249
Camrose	10,270	5,802	2,074	868	127	89	213	1,949	2,424	4,461	5,642	4,146	38,065
Tofield	13,451	8,887	2,727	2,824	5,195	5,464	1,238	1,652	4,338	10,051	16,835	8,987	81,669
Clover Bar	24,300	24,987	13,700	6,368	3,471	2,589	7,761	14,794	16,294	21,780	27,919	21,854	185,817
Edmonton	8,448	7,172	4,716	1,584	702	164	1,027	2,233	3,210	5,818	7,956	7,358	50,388
Strathcona	1,258	773	263	25	.....	.....	.....	.....	.....	36	447	947	3,749
Namoo	530	396	131	59	.....	.....	.....	.....	264	467	569	688	3,104
Cardiff	2,111	4,136	1,970	739	136	64	400	1,885	1,377	3,226	5,789	4,014	25,847
Wabamun	1,324	1,067	164	342	1,233	1,547	716	1,020	1,181	1,629	1,359	598	12,180
Pembina	7,260	2,198	1,446	2,407	4,927	2,883	3,917	2,855	2,790	5,360	3,163	2,144	41,350
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96	.....	96
Total	217,103	235,849	121,089	69,372	32,723	46,142	69,432	135,739	158,537	297,935	317,639	202,417	1,903,977

The following table shows the total output of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	722	925	938	678	492	640	749	1,017	1,159	1,384	1,716	1,104	11,524
Magrath	151	196	121	.....	.....	.....	.....	82	23	38	266	1,70	947
Milk River	318	309	199	64	96	133	105	141	158	450	645	500	3,118
Taber	149	169	55	105	7	73	63	70	70	168	64	117	1,110
Bow Island	93	51	84	.....	15	22	25	35	276	342	364	170	1,477
Medicine Hat	1,490	1,217	423	61	41	41	186	842	1,227	961	8,771	1,444	16,704
Aldersyde	286	229	209	98	180	140	129	173	257	593	510	743	3,547
Gleichen	1,399	937	118	330	51	103	68	59	80	400	578	344	4,467
Drumheller	696	351	135	205	115	88	110	15	47	3,173	201	70	5,206
Rosedale	105	208	696	.....	.....	420	193	25	30	75	1,692	1,198	4,642
Wayne	55	126	21	11	5	.....	.....	6	15	19	31	52	341
Big Valley	4,228	3,369	2,219	2,334	1,083	216	20	119	963	1,129	1,348	1,418	18,446
Brooks	10	11	122	17	22	18	18	39	118	107	165	322	969
Hanna	1,641	837	388	220	180	106	95	216	316	503	1,035	2,085	7,622
Lacombe	1,287	956	495	308	157	169	96	345	175	1,056	1,736	1,533	8,313
Trochu	716	906	234	150	26	17	29	159	20	96	385	397	3,035
Three Hills	2,352	1,543	474	847	315	157	242	177	971	1,225	2,061	2,164	12,528
Carbon	217	189	260	83	379	75	38	15	.....	100	96	148	1,600
Battle River	991	1,077	469	146	145	52	86	108	198	998	1,682	1,606	7,558
Camrose	632	341	384	122	379	614	1,111	458	845	1,484	1,135	1,270	8,775
Tofield	854	3,582	1,597	844	1,452	1,678	1,217	618	933	864	3,183	3,199	20,021
Clover Bar	2,458	1,304	4,327	9,506	2,579	3,139	3,821	3,784	1,956	32	646	2,706	36,258
Edmonton	.....	400	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	401
Strathcona	5	29	.....	43	.....	.....	.....	.....	.....	.....	.....	.....	77
Namoo	728	857	487	460	190	.....	.....	.....	259	565	1,109	608	5,263
Cardiff	656	820	242	2,857	5,424	4,933	5,463	5,103	.....	597	776	707	27,578
Wabamun	.....	.....	.....	111	104	85	53	41	.....	.....	.....	.....	394
Pembina	.....	5,676	5,866	3,219	3,639	1,853	1,384	532	64	2,457	1,994	2,597	35,449
Peace River	6,168	.....	.....	.....	.....	.....	.....	.....	.....	.....	481	64	545
Total	28,407	26,615	20,564	22,819	17,076	14,772	15,301	14,079	10,160	18,816	32,670	26,636	247,915

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The following table shows the total output of DOMESTIC Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	4,573	8,195	4,376	5,669	2,784	5,747	7,108	9,317	9,092	10,483	13,337	7,783	88,464
Magrath .....	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	.....	.....	14
Milk River ...	.....	2	.....	.....	6	.....	.....	.....	.....	.....	51	50	117
Taber	258	105	225	63	14	6	128	420	384	578	591	469	3,241
Bow Island ...	5	6	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	32
Medicine Hat ..	452	441	58	60	.....	.....	.....	46	152	288	203	86	1,786
Aldersyde	22	11	7	11	9	7	10	31	3	9	108	31	259
Gleichen	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53	67
Drumheller ...	12,153	12,963	8,748	5,103	3,245	1,349	3,308	6,851	5,707	16,970	18,935	10,787	106,119
Rosedale	1,196	999	776	570	52	57	226	1,034	1,237	1,059	1,099	703	9,008
Wayne	3,559	6,000	1,403	668	143	607	1,026	1,977	3,287	6,457	4,953	3,189	33,269
Big Valley	48	27	51	65	.....	.....	856	596	1,780	2,439	3,531	2,922	12,315
Brooks	89	40	.....	36	.....	.....	.....	.....	.....	.....	.....	.....	165
Hanna	646	295	193	198	196	164	205	283	606	1,452	3,175	1,634	9,047
Lacombe	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Trochu	249	194	330	.....	.....	40	101	265	.....	758	245	42	1,061
Three Hills ...	717	440	1,200	.....	21	42	1,577	1,368	502	1,984	788	636	5,468
Carbon	230	728	1,345	1,826	153	.....	.....	.....	694	16	66	5,355	15,368
Battle River ...	71	52	11	.....	.....	.....	.....	.....	10	1,766	232	388	780
Camrose	4,009	1,903	1,419	196	36	22	214	1,138	1,400	1,766	2,811	2,074	16,988
Tohoid	35	1,222	28	.....	.....	.....	.....	4	16	33	35	25	1,398
Clover Bar	9,084	9,754	7,098	5,144	2,353	2,014	3,233	6,929	8,875	11,707	13,781	11,377	91,349
Edmonton	5,235	3,973	6,251	4,475	2,883	800	2,925	2,047	3,048	4,782	5,664	6,047	48,130
Strathcona ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	211	145	373
Namoo	135	106	65	32	.....	.....	.....	.....	128	227	260	352	1,305
Cardiff	855	1,866	707	415	124	.....	.....	278	.....	977	2,107	1,880	9,209
Wabamun	3,285	3,133	2,838	2,721	2,263	2,052	1,106	1,818	2,131	2,899	3,264	2,908	30,418
Pembina	1,917	1,112	702	809	1,003	618	1,496	1,691	2,933	2,525	870	1,195	16,871
Total	48,854	53,567	37,837	28,061	15,285	13,525	23,533	36,093	41,985	67,434	76,328	60,131	502,633

The following table shows the total output of DOMESTIC Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	7,346	11,035	6,266	6,871	3,517	6,307	7,981	10,178	9,171	11,588	15,235	9,006	104,501
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber ...	390	310	289	178	38	38	439	472	633	1,141	1,282	739	5,949
Bow Island ...	54	56	63	22	18	23	25	31	90	93	185	48	708
Medicine Hat ...	83	12	15	20	...	...	2	20	29	235	141	50	607
Aldersyde ...	16	14	14	4	...	...	8	26	15	20	65	44	235
Gleichen ...	58	31	31	57	12	12	64	12	20	12	26	35	370
Drumheller ...	18,153	18,587	11,957	10,829	8,549	5,569	7,019	8,805	8,551	19,793	19,214	15,573	152,599
Rosedale ...	1,542	2,865	851	389	126	160	219	967	1,611	1,749	1,758	1,102	13,339
Wayne ...	2,974	5,857	2,365	1,040	198	456	873	2,641	4,203	6,680	4,879	3,659	35,825
Big Valley ...	1,278	761	297	206	506	30	192	231	391	281	271	253	4,697
Brooks ...	...	1	...	...	...	...	...	2	...	...	...	...	3
Hanna ...	158	103	48	91	58	4	57	114	193	308	573	370	2,077
Lacombe ...	90	49	18	40	6	16	13	11	19	57	33	165	517
Trochu ...	370	360	647	16	2	...	4	13	102	141	271	315	2,242
Three Hills ...	555	712	289	323	262	74	113	360	613	873	876	787	5,837
Carbon ...	328	93	386	862	154	...	1,255	718	558	783	...	2,241	7,378
Battle River ...	85	82	17	12	...	9	6	...	12	68	293	232	816
Camrose ...	1,975	1,108	646	197	51	16	48	473	567	1,230	1,387	1,130	8,828
Tofield ...	10	105	244	153	438	217	214	131	102	159	15	10	1,798
Clover Bar ...	9,412	9,828	6,409	4,241	2,346	1,930	3,793	6,300	6,899	9,704	12,219	8,806	81,947
Edmonton ...	4,284	3,541	3,563	2,476	1,520	394	1,870	1,185	1,766	2,945	3,837	3,812	31,193
Strathcona ...	343	205	83	27	...	...	...	...	...	22	226	256	1,162
Namoo ...	591	533	301	208	123	...	...	...	178	431	604	623	3,592
Cardiff ...	1,131	1,915	945	218	114	148	83	526	410	991	1,903	1,121	9,505
Wabamun ...	1,442	1,114	1,152	985	1,209	1,227	662	1,152	1,119	1,533	1,013	1,034	13,642
Pembina ...	1,597	1,780	1,643	1,647	1,407	713	1,001	1,222	1,207	1,809	2,014	1,768	17,835
Peace River ...	...	...	...	...	...	...	...	...	...	...	10	...	10
Total ...	54,265	61,057	38,539	31,112	20,660	17,347	25,941	35,590	38,459	62,706	68,359	53,181	507,216

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	140	158	14	19	.....	47	47	51	111	198	158	1,090
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	5,639	4,089	2,125	976	793	1,161	2,358	3,105	4,445	4,623	3,816	5,141	38,171
Saunders	3,291	2,951	922	197	346	316	323	2,268	2,748	3,290	3,338	2,634	22,624
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	9,077	7,180	3,205	1,187	1,158	1,477	2,628	5,420	7,244	8,024	7,352	7,933	61,885

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,049	1,002	708	129	152	16	207	668	697	778	675	571	6,652
High River	445	191	26	148	92	26	112	85	136	234	380	339	2,214
Calgary	12	103	126	344	89	37	51	57	26	.....	.....	.....	845
Saunders	1,237	1,300	192	455	812	1,006	668	865	1,158	702	.....	953	9,810
Yellowhead	46,181	42,234	29,527	15,139	33,134	37,163	13,578	2,073	2,766	13,020	35,723	19,515	290,053
Total	48,924	44,830	30,579	16,215	34,279	38,248	14,616	3,748	4,783	14,734	37,240	21,378	309,574

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	34	14	22	4			13	2	1		13	21	124
High River													
Calgary	76	70	484	76	606	1	514	10	15	20	940	294	3,106
Saunders	3,157	1,986	1,139	348	462	109	920	5,107	3,728	1,306	997	1,265	20,524
Yellowhead													
Total	3,267	2,070	1,645	428	1,068	110	1,447	5,119	3,744	1,326	1,950	1,580	23,754

The following table shows the total output of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	272	208	219	31	11		45	50	108	206	269	159	1,578
High River	30		44										74
Calgary	3,597	15											15
Saunders	9,503	2,766	1,389	486	304	911	1,026	1,963	2,806	2,664	1,383	2,913	22,208
Yellowhead		7,522	3,784	2,259	7,009	5,841	2,463	897	1,027	1,389	1,780	899	44,373
Total	13,402	10,511	5,436	2,776	7,324	6,752	3,534	2,910	3,941	4,259	3,432	3,971	68,248

The following table shows the total output of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,307	1,462	1,315	600	579	599	608	2,988	1,600	1,336	1,287	1,342	16,023
Cannore	179	.....	248	95	.....	.....	97	42	84	.....	291	434	1,470
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MountainPark	249	205	220	111	.....	93	107	134	156	194	148	153	1,770
Total	2,735	1,667	1,783	806	579	692	812	3,164	1,840	1,530	1,726	1,929	19,263

The following table shows the total output of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	209,817	132,967	64,015	81,510	151,410	100,058	189,740	216,419	80,099	74,184	55,526	156,707	1,512,452
Cannore	33,377	21,708	18,672	16,297	26,294	13,207	23,775	31,152	17,908	20,343	15,876	19,605	258,214
Brazeau	66,472	36,342	55,692	59,317	59,880	55,371	54,877	45,920	13,545	16,788	15,938	13,236	493,378
Jasper Park	31,730	27,583	35,470	30,546	24,450	30,512	20,161	15,708	14,301	11,312	4,000	2,886	248,659
MountainPark	72,581	56,740	77,512	80,036	68,828	51,274	65,910	52,275	38,493	30,263	16,621	22,128	632,661
Total	413,977	275,340	251,361	267,706	330,862	250,422	354,463	361,474	164,346	152,890	107,961	214,562	3,145,364

The following table shows the total output of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	766	1,083	344	353	223	292	489	1,210	1,507	1,293	448	2,248	10,256
Canmore	603	591	348	278	181	56	108	87	327	284	43	81	2,987
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	2	.....	6	.....	4	.....	30	1	43
Total	1,369	1,674	692	631	406	348	603	1,297	1,838	1,577	521	2,330	13,286

The following table shows the total output of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,595	7,812	3,762	2,416	4,601	4,011	4,490	5,321	9,180	7,698	3,680	3,359	61,925
Canmore	.....	105	31	49	87	.....	50	46	638	.....	313	457	1,776
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park
Total	5,595	7,917	3,793	2,465	4,688	4,011	4,540	5,367	9,818	7,698	3,993	3,816	63,701

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The following table shows the total Sales of DOMESTIC Coal in Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	42,590	64,832	32,240	32,260	16,765	32,832	43,603	56,426	51,804	71,196	84,673	50,444	579,665
Magrath ...	248	306	265	107	71	75	98	292	158	303	554	386	2,863
Milk River ...	617	635	433	125	163	228	248	195	350	590	1,402	1,065	6,051
Taber ...	2,103	1,556	1,271	623	263	262	750	1,890	2,308	3,743	3,966	3,002	21,737
Bow Island ...	326	315	254	99	78	87	118	255	574	1,458	1,785	507	5,856
Medicine Hat.	2,946	2,372	565	206	41	41	186	998	1,811	1,894	9,271	1,707	22,038
Aldersyde ...	716	581	549	290	306	241	326	613	582	1,389	1,948	1,545	9,086
Gleichen ...	1,623	1,289	1,525	550	182	232	370	315	638	869	1,332	1,217	10,142
Drumheller ...	99,122	104,929	63,901	32,072	13,533	9,680	19,913	49,482	47,811	138,592	136,161	83,265	798,461
Rosedale ...	15,989	21,991	7,881	3,105	817	2,202	2,648	10,225	19,252	27,848	28,347	15,295	155,600
Wayne ...	19,329	34,746	10,535	5,296	881	2,395	5,306	17,266	27,735	51,967	40,374	23,068	238,898
Big Valley ...	6,738	4,615	2,590	2,494	1,567	221	1,735	2,076	4,849	6,861	7,107	5,792	46,645
Brooks ...	746	482	225	210	112	113	170	414	640	1,563	2,295	1,324	8,294
Hanna ...	3,947	2,017	890	610	403	279	413	965	1,705	3,208	7,435	5,305	27,177
Lacombe ...	1,869	1,363	606	323	157	175	120	361	197	1,108	2,060	2,953	11,292
Trochu ...	2,648	2,451	2,183	255	41	31	50	143	680	966	2,283	1,946	13,677
Three Hills ...	6,660	4,188	2,487	1,181	464	390	589	1,762	3,530	5,080	5,777	5,520	37,628
Carbon ...	3,134	1,465	4,239	3,970	1,661	380	5,065	4,039	3,367	6,464	1,009	14,296	49,089
Battle River ...	2,380	1,862	814	178	165	67	140	108	317	1,455	4,776	4,045	16,307
Camrose ...	16,010	8,753	4,498	1,555	1,241	1,223	1,872	3,755	4,922	8,255	10,340	8,109	70,533
Tofield ...	14,310	13,766	4,564	3,601	6,885	7,159	2,469	2,201	5,199	10,877	19,838	12,146	103,215
Clover Bar ...	43,132	43,863	29,352	23,607	9,798	8,991	16,896	30,230	32,577	41,622	52,712	42,849	375,629
Edmonton ...	17,617	14,736	14,166	8,235	4,855	1,158	5,722	5,365	7,824	13,345	17,257	17,478	127,758
Strathcona ...	1,490	937	341	75	...	...	...	...	...	53	735	1,192	4,823
Namoo ...	1,932	1,783	934	709	263	...	...	...	776	1,608	2,447	2,146	12,598
Cardiff ...	4,271	7,909	3,557	3,920	5,599	4,984	5,703	7,541	1,787	5,407	10,005	7,172	67,855
Wabamun ...	5,921	5,214	4,079	4,090	4,699	4,831	2,489	3,883	4,291	5,911	4,998	3,743	54,149
Pembina ...	15,095	9,757	8,362	6,869	9,578	5,218	6,551	5,344	5,668	10,414	6,433	6,560	95,849
Peace River ...	...	...	...	...	...	...	...	...	...	...	587	64	651
Total	333,509	358,713	203,306	136,815	80,588	83,495	123,550	206,144	231,352	424,046	467,907	324,141	2,973,566

The following table shows the amount of BRIQUETTES sold each month:

For Consumption	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
In Alberta.	68	104	69	44	35	17	23	35	29	24	19	15	482
By Railroads.	4,874	3,370	5,393	5,367	4,389	5,092	5,455	5,092	39,032
Total Sales ...	4,942	3,474	5,462	5,411	4,424	5,109	5,478	5,127	29	24	19	15	39,514

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The following table shows the total amount of DOMESTIC Coal sold each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	13,432	15,910	7,617	8,655	5,388	8,810	8,439	12,306	13,338	15,563	22,328	18,722	150,708
Magrath	248	306	265	107	71	75	98	292	158	303	554	386	2,863
Milk River ...	615	635	433	125	163	204	201	195	350	498	1,402	1,065	5,886
Taber	1,039	904	792	415	263	262	239	406	974	1,305	1,612	1,510	9,721
Bow Island ...	326	315	254	99	78	87	118	255	574	1,458	1,785	507	5,856
Medicine Hat.	420	429	352	8	10	41	76	81	293	1,276	2,720	603	6,309
Aldersyde	716	581	549	290	306	241	326	613	582	1,389	1,948	1,545	9,086
Gleichen	1,623	1,289	1,525	550	182	232	370	315	638	869	1,332	1,217	10,142
Drumheller ...	20,331	21,765	11,815	9,167	6,151	3,497	7,890	13,373	10,820	24,565	35,492	23,131	188,477
Rosedale	3,644	6,317	1,715	518	332	1,096	810	1,554	2,971	3,845	5,702	4,579	33,083
Wayne	5,112	6,808	2,442	1,426	275	1,000	1,883	4,150	4,257	7,541	6,881	5,461	47,236
Big Valley	5,663	4,174	2,558	1,861	1,001	221	914	1,227	1,281	1,905	1,996	1,813	24,614
Brooks	746	482	225	210	112	113	170	414	640	1,563	2,295	1,324	8,294
Hanna	2,789	1,944	890	610	403	279	413	965	1,575	2,520	6,506	4,528	23,422
Lacombe	1,400	1,122	606	323	157	175	91	326	197	1,108	2,060	2,916	10,481
Trochu	1,743	1,519	1,093	255	41	31	50	143	579	966	1,429	1,238	9,087
Three Hills ...	2,154	1,841	1,266	987	405	329	287	873	1,829	2,849	3,142	3,785	19,747
Carbon	2,471	1,320	2,943	2,599	863	89	2,244	1,657	1,022	1,874	281	5,773	23,136
Battle River ..	2,380	1,862	814	178	165	67	140	108	317	1,455	4,776	4,013	16,275
Camrose	11,051	6,435	3,097	1,462	1,150	1,191	1,218	1,827	3,021	5,666	7,358	6,351	49,827
Tofield	4,933	4,764	1,722	1,048	1,273	988	387	387	1,145	1,613	4,295	3,608	26,163
Clover Bar ...	38,982	37,497	25,551	21,553	8,951	8,616	13,342	21,273	22,452	29,770	42,022	38,123	308,132
Edmonton ...	16,733	13,462	14,166	8,235	4,855	1,158	5,495	4,328	7,336	12,266	16,367	15,816	120,217
Strathcona ...	1,490	937	341	75	.....	.....	.....	.....	.....	53	735	1,192	4,823
Namoo	1,932	1,783	934	709	263	.....	.....	.....	776	1,608	2,447	2,053	12,505
Cardiff	3,583	6,091	3,224	3,920	5,465	4,920	5,515	6,414	1,597	4,429	7,646	6,172	58,976
Wabamun ...	3,308	2,291	1,442	1,146	1,446	1,117	1,427	2,163	1,113	2,093	1,288	746	19,580
Pembina	2,692	1,095	538	1,562	960	318	643	1,567	1,438	2,155	2,359	2,224	17,551
Peace River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	587	64	651
Total	151,556	143,878	89,169	68,093	40,729	35,157	52,786	77,212	81,473	132,505	189,825	160,465	1,222,848

The following table shows the total amount of SUB-BITUMINOUS Coal sold to Railroad Companies for consumption by same:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	41,549	30,829	26,534	14,215	31,248	36,062	12,372	139	370	8,764	29,491	17,620	249,193
Total	41,549	30,829	26,534	14,215	31,248	36,062	12,372	139	370	8,764	29,491	17,620	249,193

The following table shows the total amount of BITUMINOUS Coal sold to Railroad Companies for consumption by same:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	188,725	116,445	51,493	67,110	141,990	93,385	178,396	194,395	55,920	56,923	43,758	142,334	1,330,874
Canmore	30,901	20,128	16,237	15,011	24,496	12,170	20,664	26,726	15,490	17,493	14,150	18,122	231,588
Brazeau	64,657	35,399	54,651	58,449	59,059	54,593	54,083	44,931	12,011	16,025	16,049	12,758	482,665
Jasper Park	29,907	26,072	33,744	29,029	23,116	29,259	19,021	14,639	12,929	10,450	3,557	2,255	233,978
Mountain Park	66,949	52,787	74,534	77,145	65,071	49,487	64,106	49,257	34,030	26,434	13,714	8,309	581,823
Total	381,139	250,831	230,659	246,744	313,732	238,894	336,270	329,948	130,380	127,325	91,228	183,778	2,860,928

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The following table shows the total amount of DOMESTIC Coal sold each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	2,583	3,172	1,142	1,132	292	1,120	844	982	3,614	3,988	4,452	3,289	26,610
Magrath . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Milk River . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Taber . . .	33	..	43	..	..	..	..	99	30	65	131	63	464
Bow Island . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Medicine Hat . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Aldersyde . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Gleichen . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Drumheller . . .	818	1,150	617	168	233	131	128	684	894	2,481	1,973	1,708	10,985
Rosedale . . .	70	32	..	33	..	32	..	..	30	95	62	94	448
Wayne . . .	194	260	41	65	..	..	32	66	309	441	278	276	1,962
Big Valley . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Brooks . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Hanna . . .	73	..	..	..	..	..	..	..	..	..	..	..	73
Lacombe . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Trochu . . .	90	..	650	..	..	..	..	..	..	..	..	..	740
Three Hills . . .	30	64	33	..	..	29	..	..	33	106	102	33	430
Carbon . . .	..	..	..	..	..	..	84	151	34	64	..	123	456
Battle River . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Camrose . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Tofield . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Clover Bar . . .	..	97	..	229	..	..	228	95	62	61	130	31	933
Edmonton . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Strathcona . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Nanaimo . . .	..	..	..	..	..	..	..	..	..	..	..	..	..
Cardiff . . .	108	98	..	470	33	1,046	98	345	1,206	1,479	1,787	575	7,245
Wabamun . . .	..	2,996	2,850	677	1,120	465	457	659	987	3,186	1,431	1,570	19,931
Pembina . . .	3,533	..	..	..	..	..	..	..	..	..	..	..	..
Total	7,532	7,869	5,376	2,774	1,678	2,823	1,871	3,081	7,199	11,966	10,700	7,762	70,631

The following table shows the total amount of SUB-BITUMINOUS Coal sold each month for consumption in British Columbia :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	63	66	63	.....	132	.....	99	141	195	33	792
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	205	27	66	44	183	244	139	33	225	107	143	405	1,821
Yellowhead	1,569	1,638	1,199	380	1,584	275	468	356	719	1,011	1,261	1,278	11,738
Total	1,774	1,665	1,328	490	1,830	519	739	389	1,043	1,259	1,599	1,716	14,351

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in British Columbia :

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,661	1,360	675	392	281	406	179	672	714	782	756	2,162	12,040
Canmore	82	.....	45	47	130	.....	46	164	641	162	82	48	1,447
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	2,634	990	692	726	1,711	45	1,022	735	1,269	9,824
Total	6,410	2,350	1,412	1,165	2,122	406	270	836	2,377	944	1,573	3,479	23,344

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	21,085	36,234	18,905	18,438	10,016	19,625	29,403	37,720	29,145	44,334	52,586	24,980	342,471
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	731	402	196	.....	.....	.....	263	777	654	1,084	1,148	845	6,100
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	2,327	1,636	213	198	31	.....	110	870	1,376	618	5,793	672	13,844
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	41,110	44,769	26,710	13,759	5,670	4,618	7,398	23,025	20,070	55,491	59,869	35,990	337,579
Rosedale	8,647	10,058	4,001	1,857	355	802	1,563	6,802	12,093	17,226	17,050	7,217	87,671
Wayne	7,417	13,297	4,168	2,447	403	1,202	1,797	8,264	15,007	25,134	25,412	11,817	116,365
Big Valley	718	441	32	633	566	.....	112	384	2,377	3,669	3,271	2,941	15,144
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	1,052	33	.....	.....	.....	.....	.....	.....	64	264	534	457	2,404
Lacombe	469	241	.....	.....	.....	.....	29	35	.....	.....	.....	37	811
Trochu	176	323	410	.....	.....	.....	.....	.....	.....	.....	.....	30	1,273
Three Hills	1,726	1,305	773	.....	.....	.....	166	161	477	277	527	836	6,248
Carbon	613	145	983	1,011	636	291	1,049	640	979	1,901	728	2,209	11,185
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	4,494	2,020	1,257	61	91	32	654	1,827	1,387	2,358	2,886	1,628	18,695
Tofield	7,694	7,805	2,480	2,209	3,335	2,796	1,410	1,782	3,533	8,720	13,173	7,708	62,645
Clover Bar	3,068	4,428	2,827	805	324	188	2,381	6,562	8,057	9,590	8,314	3,815	50,359
Edmonton	308	555	.....	.....	.....	.....	.....	670	241	751	580	1,617	4,722
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93	93
Cardiff	451	1,551	228	.....	102	64	72	730	190	775	1,855	844	6,862
Wabamun	2,343	2,342	2,573	2,388	3,094	2,668	964	420	1,807	538	1,666	2,143	22,946
Pembina	2,576	1,135	191	1,615	3,000	1,829	1,479	1,160	1,093	856	899	1,698	17,531
Total	107,005	128,720	65,947	45,421	27,623	34,115	48,850	91,829	98,550	173,586	196,625	106,677	1,124,948

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Saskatchewan

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	94	235	.....	.....	.....	.....	.....	372	203	113	165	207	1,389
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	1,870	2,329	673	323	343	369	1,040	1,337	2,140	1,794	1,900	2,182	16,300
Yellowhead	696	1,174	511	62	134	281	316	1,546	1,729	1,863	1,558	982	10,852
Total	2,660	3,738	1,184	385	477	650	1,356	3,255	4,072	3,770	3,623	3,371	28,541

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,213	5,605	1,958	2,117	1,070	1,113	4,575	12,197	11,435	5,492	4,675	4,556	60,006
Canmore	172	43	361	.....	46	.....	714	1,089	156	359	254	320	3,514
Brazeau	.....	.....	.....	63	.....	.....	33	.....	46	.....	.....	.....	142
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	832	594	375	350	185	256	365	1,283	828	1,042	60	133	6,303
Total	6,217	6,242	2,694	2,530	1,301	1,369	5,687	14,569	12,465	6,893	4,989	5,009	69,965

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Manitoba.

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	4,774	8,686	4,017	3,335	739	2,977	4,523	4,237	4,268	6,223	3,410	2,542	49,721
Magrath ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber ...	300	250	111	34	.....	.....	205	565	650	1,183	901	335	4,534
Bow Island ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat ...	31	.....	.....	.....	.....	.....	.....	47	.....	.....	240	315	633
Aldersyde ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller ...	33,886	34,522	22,399	8,327	1,242	915	3,003	7,376	14,553	49,074	31,593	22,267	232,757
Rosedale ...	3,564	5,413	2,101	665	98	272	275	1,838	3,371	6,263	5,371	3,333	32,564
Wayne ...	6,066	13,403	3,625	1,179	203	193	1,594	3,947	7,319	17,268	7,476	5,421	67,694
Big Valley ...	291	.....	.....	.....	.....	.....	275	101	1,191	1,190	1,840	1,038	5,926
Brooks ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna ...	.....	40	.....	.....	.....	.....	.....	.....	66	424	395	320	1,245
Lacombe ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu ...	639	609	30	.....	.....	.....	.....	.....	101	.....	520	678	2,577
Three Hills ...	2,750	781	352	194	59	.....	136	697	1,116	1,848	1,973	866	10,772
Carbon ...	50	.....	313	360	162	.....	1,656	1,558	1,201	2,249	.....	6,158	13,707
Battle River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose ...	465	298	144	32	.....	.....	.....	101	514	167	96	130	1,947
Tofield ...	1,683	1,197	362	544	2,277	3,375	672	32	424	544	2,370	830	14,310
Clover Bar ...	880	1,575	840	924	490	187	945	1,322	1,838	1,486	1,564	816	12,867
Edmonton ...	576	719	.....	.....	.....	.....	227	210	205	218	206	45	2,406
Strathcona ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff ...	237	267	105	.....	32	.....	116	397	.....	203	504	156	2,017
Wabamun ...	162	483	32	44	126	.....	.....	176	33	383	257	279	1,975
Pembina ...	3,151	2,239	1,572	2,983	2,792	1,352	3,038	1,274	1,864	2,641	1,544	957	25,407
Total	59,505	70,482	36,003	18,621	8,210	9,271	16,665	23,878	38,714	91,456	63,860	46,518	483,183

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	47	47
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	5,859	3,411	2,207	890	407	760	1,966	2,326	2,564	3,309	2,866	1,831	28,396
Yellowhead	7,738	4,741	1,579	377	548	161	467	1,966	3,238	5,077	3,727	2,369	31,988
Total	13,597	8,152	3,786	1,267	955	921	2,433	4,292	5,802	8,386	6,593	4,247	60,431

The following table shows the total amount of BITUMINOUS Coal sold during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	959	417	114	80	.....	160	145	190	209	467	569	707	4,017
Canmore	44	.....	44	408	502	92	139	137	348	79	337	457	2,587
Brazeau	.....	.....	.....	.....	97	80	77	.....	33	.....	.....	.....	287
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	76	375	212	120	90	90	30	230	180	1,136	595	3,134
Total	1,079	792	370	608	689	422	391	557	770	1,682	1,501	1,164	10,025

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	251	232	109	360	83	...	43	147	134	75	372	189	1,995
Magrath . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber . . .	...	...	96	128	...	...	43	43	...	40	174	249	773
Bow Island . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller . . .	1,069	945	867	221	160	519	1,299	4,801	696	5,940	1,932	361	18,810
Rosedale . . .	64	64	64	32	32	...	...	31	402	386	162	72	1,309
Wayne . . .	477	439	226	147	...	...	...	839	742	1,582	327	93	4,873
Big Valley . . .	...	...	...	...	...	...	434	364	...	97	...	...	895
Brooks . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna . . .	33	...	...	...	...	...	...	...	...	...	...	...	33
Lacombe . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Hills . . .	...	...	33	...	...	32	...	31	75	...	...	...	171
Carbon . . .	...	...	...	...	...	...	32	33	131	376	...	33	605
Battle River . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose . . .	...	...	...	...	...	...	...	...	...	64	...	...	64
Tofield . . .	...	...	...	...	...	...	...	...	97	...	...	...	97
Clover Bar . . .	202	236	134	96	33	...	...	946	97	578	519	64	2,905
Edmonton . . .	...	...	...	...	...	...	...	157	42	110	104	...	413
Strathcona . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Wabamun . . .	...	...	32	42	...	...	...	779	132	1,418	...	...	2,403
Pembina . . .	3,143	2,292	3,211	32	1,706	1,254	934	684	286	1,576	200	111	15,429
Total . . .	5,239	4,208	4,772	1,058	2,014	1,805	2,785	8,855	2,834	12,243	3,790	1,172	50,775

The following table shows the total amount of SUB-BITUMINOUS Coal sold during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	33	.....	63	.....	.....	.....	.....	255	.....	62	.....	96	509
Yellowhead ..	33	.....	33	90	.....	122	.....	257	202	269	44	.....	1,050
Total	66	96	90	122	512	202	331	44	96	1,559

No Bituminous Coal shipped to Ontario.

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The following table shows the total amount of DOMESTIC Coal sold during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	465	598	450	340	257	300	351	1,034	1,105	1,013	1,525	722	8,160
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	2	...	...	...	...	24	47	...	...	66	...	...	73
Taber ...	...	...	33	46	...	...	...	...	...	...	...	...	145
Bow Island ...	...	...	...	...	...	...	...	...	142	...	164	117	898
Medicine Hat ...	168	307	...	...	...	...	...	...	...	...	...	...	...
Aldersyde ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ...	1,908	1,778	1,493	430	77	...	195	223	778	1,041	1,222	708	9,853
Rosedale ...	...	107	...	...	...	...	...	...	385	33	...	...	525
Wayne ...	63	539	33	32	...	...	...	...	101	...	...	...	768
Big Valley ...	66	...	...	...	...	...	...	...	...	...	...	...	66
Brooks ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacombe ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Hills ...	...	197	30	...	...	...	...	...	...	...	33	...	260
Carbon ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Battle River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tofield ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clover Bar ...	...	30	...	...	...	...	...	32	71	137	163	...	433
Edmonton ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strathcona ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nanao ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wabamun ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pembina ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	2,672	3,556	2,039	848	334	324	593	1,289	2,582	2,290	3,107	1,547	21,181

The following table shows the total amount of SUB-BITUMINOUS Coal sold each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	47	.....	.....	.....	.....	.....	.....	47	.....	.....	.....	.....	94
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	28	.....	.....	.....	.....	.....	.....	.....	.....	28
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	47	.....	.....	28	.....	.....	.....	47	.....	.....	.....	.....	122

The following table shows the total amount of BITUMINOUS Coal sold each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	8,436	9,276	7,864	6,293	4,893	1,759	1,389	3,381	6,163	5,300	4,384	3,116	62,254
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park
Total	8,436	9,276	7,864	6,293	4,893	1,759	1,389	3,381	6,163	5,300	4,384	3,116	62,254

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The following table shows the total sales of DOMESTIC Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	35,188	50,994	26,473	24,868	12,569	24,663	33,303	43,427	38,866	57,624	65,800	38,015	451,790
Magrath ...	97	110	144	107	71	75	84	210	135	265	288	316	1,902
Milk River ...	294	324	231	61	61	95	143	54	192	120	704	513	2,792
T&B ...	1,758	1,305	984	455	242	183	559	1,358	1,854	2,997	3,311	2,466	17,472
Bow Island ...	218	251	163	97	58	62	89	213	265	1,039	1,345	313	4,113
Medicine Hat ...	1,080	896	99	85	...	...	...	110	432	1,039	297	177	3,821
Aldersyde ...	408	341	333	181	117	94	187	409	322	787	1,330	771	5,280
Gleichen ...	210	352	1,407	220	131	129	282	256	538	469	750	817	5,561
Drumheller ...	71,253	75,407	45,084	17,450	3,099	3,537	10,747	35,095	35,284	101,138	100,718	59,336	558,148
Rosedale ...	13,490	18,244	5,878	2,271	659	1,565	2,080	8,576	16,709	25,377	24,042	12,420	131,311
Wayne ...	13,863	25,081	7,614	3,902	575	1,484	3,780	14,012	22,452	42,283	33,413	18,109	186,568
Big Valley ...	1,334	558	83	9	38	5	717	1,180	1,855	3,142	2,087	1,329	12,337
Brooks ...	647	430	103	157	90	95	152	373	522	1,456	2,130	1,002	7,157
Hanna ...	1,746	862	422	244	142	117	176	519	807	1,212	3,042	1,528	10,817
Lacombe ...	570	403	111	15	...	6	24	16	22	52	309	1,336	2,864
Trochu ...	1,558	1,283	1,406	105	15	14	21	84	660	869	1,653	1,484	9,152
Three Hills ...	3,431	1,698	869	186	40	208	218	1,193	1,749	2,575	2,353	2,253	16,773
Carbon ...	2,062	645	2,366	1,354	1,029	263	2,495	2,088	2,265	3,987	847	7,252	26,653
Battle River ...	1,608	723	334	32	20	15	54	...	109	441	2,862	2,051	8,249
Camrose ...	10,270	5,802	2,141	868	127	89	213	1,949	2,424	4,461	5,642	4,146	38,132
Tofield ...	13,441	8,877	2,717	2,814	4,995	5,264	1,038	1,452	4,158	9,851	16,635	8,937	80,179
Clover Bar ...	24,300	24,987	13,700	6,368	3,471	2,589	7,761	14,794	16,294	21,780	27,919	21,854	185,817
Edmonton ...	8,448	7,172	4,702	1,584	702	164	1,027	2,233	3,210	5,818	7,956	7,358	50,374
Strathcona ...	1,258	773	263	25	...	...	...	...	...	36	447	947	3,749
Namoo ...	530	396	131	59	...	...	...	...	264	467	569	688	3,104
Cardiff ...	2,111	4,136	1,970	739	136	64	400	1,885	1,377	3,226	5,769	4,014	25,827
Wabamun ...	1,324	1,067	164	342	1,233	1,547	716	1,020	1,181	1,629	1,359	598	12,180
Pembina ...	7,047	2,430	1,446	2,392	4,942	2,883	3,917	2,855	2,691	5,437	2,809	2,478	41,327
Peace River ...	...	...	...	...	...	...	...	...	...	...	96	...	96
Total ...	219,544	235,547	121,338	66,990	34,562	45,210	70,183	135,361	156,637	299,183	316,482	202,508	1,903,545

The following table shows the total sales of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	722	925	432	127	45	57	97	103	86	248	289	273	3,404
Magrath...	151	196	121	.....	.....	.....	.....	82	23	38	266	70	947
Milk River...	318	309	199	64	96	133	105	141	158	470	645	500	3,138
Taber...	149	169	55	105	7	73	63	70	70	168	64	67	1,060
Bow Island...	93	51	84	.....	15	22	25	35	276	342	364	170	1,477
Medicine Hat...	1,414	1,035	408	61	41	41	186	842	1,227	961	8,771	1,444	16,431
Aldersyde...	286	229	209	98	180	140	129	173	257	593	510	743	3,547
Gleichen...	1,399	937	118	330	51	103	68	59	80	400	578	344	4,467
Drumheller...	696	351	135	205	44	25	43	15	47	3,173	201	70	5,005
Rosedale...	105	208	696	.....	.....	420	193	25	30	75	1,598	1,198	4,548
Wayne...	49	118	21	11	5	.....	.....	6	15	19	31	52	327
Big Valley...	4,228	3,369	2,219	2,334	1,083	216	20	119	963	1,129	1,348	1,418	18,446
Brooks...	10	11	122	17	22	18	18	39	118	107	165	322	969
Hanna...	1,641	837	388	220	180	106	95	216	316	503	1,035	2,085	7,622
Lacombe...	1,287	956	495	308	157	169	96	345	175	1,056	1,736	1,533	8,313
Trochu...	714	884	232	150	26	17	29	59	20	96	385	397	3,009
Three Hills...	2,352	1,543	474	817	305	149	242	177	896	1,223	1,996	2,164	12,338
Carbon...	217	189	260	83	379	75	38	15	.....	100	96	148	1,600
Battle River...	701	1,077	469	146	145	52	86	108	198	998	1,682	1,606	7,268
Camrose...	632	341	384	122	364	589	1,091	458	845	1,484	1,135	1,270	8,715
Tofield...	854	3,582	1,597	837	1,452	1,678	1,217	618	933	864	3,183	3,199	20,014
Clover Bar...	2,458	1,304	4,327	9,506	2,579	3,139	3,748	3,784	1,956	32	646	2,706	36,185
Edmonton...	.....	400	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	400
Strathcona...	5	29	.....	43	.....	.....	.....	.....	.....	.....	.....	.....	77
Namoo...	728	827	487	460	190	.....	.....	.....	259	565	1,109	608	5,233
Cardiff...	282	422	85	2,728	5,225	4,772	5,270	4,852	.....	504	776	707	25,623
Wabamun...	.....	.....	.....	111	104	85	53	41	.....	.....	.....	.....	394
Pembina...	6,148	5,676	5,919	3,219	3,649	1,720	1,394	532	64	2,457	1,994	2,597	35,369
Peace River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	481	64	545
Total	27,639	25,975	19,936	22,102	16,344	13,799	14,306	12,914	9,012	17,605	31,084	25,755	236,471

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The following table shows the total sales of DOMESTIC Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	4,454	8,006	4,404	5,549	2,775	5,643	6,879	9,289	9,009	10,310	13,132	7,668	87,118
Magrath	.....	.....	.....	.....	.....	.....	14	.....	.....	.....	.....	.....	14
Milk River	5	82	212	63	6	.....	128	420	384	578	51	50	117
Taber	5	6	3	.....	.....	.....	.....	.....	.....	7	11	469	3,103
Bow Island	452	441	58	60	.....	.....	.....	46	152	288	203	86	32
Medicine Hat	22	11	7	11	9	.....	10	31	3	9	108	.....	1,786
Aldersyde	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	11,864	12,925	8,748	5,103	3,245	1,349	3,308	6,851	5,707	16,970	18,935	53	67
Drumheller	946	769	526	495	32	57	156	873	1,087	927	979	10,787	105,792
Rosedale	3,559	6,000	1,403	668	143	607	1,026	1,977	3,287	6,457	4,953	605	7,452
Wayne	18	27	51	5	.....	.....	856	596	1,750	2,409	3,501	3,189	33,269
Big Valley	89	40	.....	36	.....	.....	.....	.....	.....	.....	.....	2,892	12,105
Brooks	527	278	80	86	81	56	92	170	446	1,288	3,011	1,470	7,585
Hanna	12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	246	194	290	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Trochu	527	440	1,040	.....	.....	.....	23	137	295	512	245	35	1,011
Three Hills	625	608	1,245	1,676	103	42	1,477	1,318	644	1,737	576	334	3,884
Carbon	71	52	11	.....	.....	.....	.....	.....	10	16	232	5,055	14,596
Battle River	3,839	1,785	1,347	171	36	22	214	1,035	1,280	1,617	2,651	388	780
Camrose	15	1,207	10	.....	.....	.....	.....	.....	10	18	20	1,945	15,942
Tofield	9,084	9,754	7,023	5,144	2,353	2,014	3,181	6,929	8,875	11,707	13,781	11,377	1,290
Clover Bar	5,235	3,973	6,251	4,475	2,883	800	2,925	2,047	3,048	4,782	5,664	6,047	91,222
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,130
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	17	211	145	373
Namoo	135	106	65	32	.....	.....	.....	.....	128	227	260	352	1,305
Cardiff	855	1,586	557	235	124	.....	.....	278	.....	726	1,647	1,330	7,338
Wabamun	3,155	3,033	2,763	2,652	2,183	1,972	1,058	1,670	1,991	2,749	3,114	2,808	29,148
Pembina	1,900	1,131	702	802	987	615	1,240	1,957	2,913	2,520	885	1,129	16,781
Total	47,810	52,456	36,799	27,263	14,974	13,190	22,587	35,624	41,019	65,872	74,827	58,255	490,676

The following table shows the total sales of DOMESTIC Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	2,226	4,907	931	1,716	1,376	2,469	3,324	3,607	3,843	3,014	5,452	4,488	37,353
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	102
Taber	40	7	20	2	5	3	4	42	33	70	65	24	234
Bow Island	10	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen .....	.....	.....	.....	.....	.....	.....	20	.....	20	.....	4	3	47
Drumheller	15,309	16,246	9,934	9,314	7,145	4,769	5,815	7,521	6,773	17,311	16,307	13,072	129,516
Rosedale	1,448	2,770	781	339	126	160	219	751	1,426	1,469	1,728	1,072	12,289
Wayne	1,858	3,547	1,497	715	158	304	500	1,271	1,981	3,208	1,977	1,718	18,734
Big Valley	1,158	661	237	146	446	.....	142	181	281	181	171	153	3,757
Brooks .....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	3
Hanna	33	40	.....	60	.....	.....	50	60	136	205	347	222	1,153
Lacombe .....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	15	84	103
Trochu	130	90	255	.....	.....	.....	.....	.....	.....	.....	.....	30	505
Three Hills	350	507	104	178	119	33	106	255	590	770	852	769	4,633
Carbon	230	23	368	857	150	.....	1,055	618	458	640	.....	1,841	6,240
Battle River .....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Canrose	1,269	825	626	394	714	523	354	313	373	693	912	748	7,744
Tofield .....	.....	100	240	150	438	217	214	131	98	144	.....	.....	1,732
Cliver Bar	7,290	7,818	4,302	2,589	1,395	1,249	2,206	4,723	5,452	8,103	10,366	6,912	62,405
Edmonton	3,934	3,191	3,213	2,176	1,270	194	1,770	1,085	1,566	2,745	3,637	4,073	28,854
Strathcona	227	135	78	7	.....	.....	.....	.....	.....	.....	77	100	624
Namoo	539	454	251	158	73	.....	.....	.....	125	349	509	498	2,956
Cardiff	1,023	1,765	945	218	114	148	33	526	410	951	1,813	1,121	9,067
Wabamun	1,442	1,114	1,152	985	1,179	1,227	662	1,152	1,119	1,533	525	337	12,427
Pembina .....	.....	520	295	456	.....	.....	.....	.....	.....	.....	745	356	2,372
Peace River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	10
Total	38,516	44,735	25,233	20,460	14,708	11,296	16,474	22,245	24,684	41,386	45,514	37,623	342,874

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	140	158	14	19	.....	47	47	51	111	198	158	1,090
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	5,639	4,089	2,125	976	793	1,161	2,258	3,105	4,445	4,623	3,816	5,141	38,171
Yellowhead	3,291	2,951	922	197	346	316	323	2,268	2,748	3,290	3,338	2,634	22,624
Total	9,077	7,180	3,205	1,187	1,158	1,477	2,628	5,420	7,244	8,024	7,352	7,933	61,885

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	1,049	1,002	708	129	152	16	207	668	672	756	654	556	6,569
High River	435	181	21	148	92	26	112	85	136	234	373	329	2,172
Calgary	9	99	122	340	85	34	47	53	23	.....	.....	.....	812
Saunders	652	988	232	334	754	895	508	611	684	641	361	474	7,134
Yellowhead	45,026	41,299	28,202	14,840	32,519	36,425	13,282	1,615	2,361	11,963	31,993	19,018	278,543
Total	47,171	43,569	29,285	15,791	33,602	37,396	14,156	3,032	3,876	13,594	33,381	20,377	295,230

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	34	14	22	4	.....	.....	13	2	1	.....	13	21	124
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	76	70	484	.....	606	1	514	10	15	20	940	294	3,030
Yellowhead	3,102	1,971	1,114	278	452	77	813	5,092	3,728	1,306	987	1,180	20,100
Total	3,212	2,055	1,620	282	1,058	78	1,340	5,104	3,744	1,326	1,940	1,495	23,254

The following table shows the total sales of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	272	208	219	31	11	.....	45	50	108	206	269	159	1,578
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	3,297	2,537	1,229	390	304	833	731	1,902	2,608	2,425	1,159	2,715	20,130
Yellowhead	1,145	1,225	372	28	308	187	140	707	703	950	734	446	6,945
Total	4,714	3,970	1,820	449	623	1,020	916	2,659	3,419	3,581	2,162	3,320	28,653

The following table shows the total sales of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,307	1,462	981	600	579	599	608	2,988	1,600	1,336	1,287	1,342	15,689
Canmore	179	.....	248	95	.....	.....	97	42	84	.....	291	434	1,470
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	249	205	220	111	.....	87	107	134	156	194	148	153	1,764
Total	2,735	1,667	1,449	806	579	686	812	3,164	1,840	1,530	1,726	1,929	18,923

The following table shows the total sales of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	205,776	130,436	61,297	75,940	148,088	96,102	186,389	211,496	74,921	70,234	52,626	151,851	1,465,156
Canmore	31,781	20,767	16,992	15,511	25,229	12,307	21,740	29,382	17,387	18,968	14,720	18,634	243,418
Brazeau	65,610	35,669	54,882	58,632	59,253	54,737	54,242	45,057	12,345	16,230	16,273	13,131	486,061
Jasper Park	30,076	26,203	33,809	29,062	23,133	29,269	19,028	14,649	12,966	10,486	3,602	2,355	234,638
Mountain Park	70,658	55,033	76,010	78,603	67,415	50,044	64,577	50,892	36,583	28,853	15,345	10,598	604,611
Total	403,901	268,108	242,990	257,748	323,118	242,459	345,976	351,476	154,202	144,771	102,566	196,569	3,033,884

The following table shows the total sales of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month:

Districts.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	766	1,083	344	353	223	292	489	1,210	1,507	1,293	448	2,248	10,256
Cannore	603	591	348	278	181	56	108	87	327	284	43	81	2,987
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	2	.....	6	.....	4	.....	30	1	43
Total	1,369	1,674	692	631	406	348	603	1,297	1,838	1,577	521	2,330	13,286

The following table shows the total sales of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,412	7,812	3,762	2,416	4,600	4,011	4,490	5,267	10,054	7,263	4,748	4,335	64,170
Cannore	.....	105	31	49	87	.....	50	46	228	.....	313	457	1,366
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park
Total	5,412	7,917	3,793	2,465	4,687	4,011	4,540	5,313	10,282	7,263	5,061	4,792	65,536

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	8,683	8,485	5,106	5,237	3,530	4,529	3,530	5,654	6,916	9,785	13,047	11,517	86,019
Magrath	108	111	150	107	71	75	84	210	135	265	288	316	1,920
Milk River ...	292	324	231	61	61	71	96	54	192	88	704	513	2,687
Taber	218	686	549	247	242	183	172	206	773	911	1,337	1,209	7,382
Bow Island ...	218	251	163	97	58	62	89	213	265	1,039	1,345	313	4,113
Medicine Hat ..	132	42	62	.....	.....	.....	.....	.....	49	377	28	.....	690
Aldersyde	408	341	333	181	117	94	187	409	322	787	1,330	771	5,280
Gleichen	210	352	1,407	220	131	129	282	256	538	469	750	817	5,561
Drumheller ...	11,154	11,357	5,017	4,123	731	1,063	2,469	5,933	5,982	13,520	22,230	14,247	97,826
Rosedale	2,678	4,180	534	391	174	593	500	842	2,232	3,407	4,484	3,603	23,618
Wayne	2,627	3,559	1,053	896	171	389	974	2,470	2,834	4,604	4,218	3,562	27,357
Big Valley	502	181	51	9	5	5	8	577	307	834	664	476	3,619
Brooks	647	430	103	157	90	95	152	373	522	1,456	2,130	1,002	7,157
Hanna	973	862	422	244	142	117	176	519	807	1,122	2,882	1,468	9,734
Lacombe	502	324	111	15	.....	6	24	16	22	52	309	1,299	2,680
Trochu	755	797	446	105	15	14	21	84	559	869	979	806	5,450
Three Hills ...	689	703	601	152	40	176	52	401	507	765	707	1,268	6,061
Carbon	1,633	566	1,521	668	334	14	314	644	524	848	185	2,263	9,514
Battle River ...	1,608	723	334	32	20	15	54	.....	109	441	2,862	2,019	8,217
Camrose	7,614	4,200	1,601	775	96	89	40	874	1,327	2,772	3,900	3,103	26,391
Tofield	4,918	2,010	1,166	786	670	540	44	224	656	1,291	3,690	3,278	19,273
Clover Bar ...	21,162	20,405	11,149	5,286	2,944	2,307	4,790	7,920	9,590	12,800	19,674	18,096	136,123
Edmonton ...	7,872	6,298	4,702	1,584	702	164	800	1,253	2,722	4,754	7,066	5,729	43,646
Strathcona ...	1,258	773	263	25	.....	.....	.....	.....	.....	36	947	947	3,749
Namoo	530	396	131	59	.....	.....	.....	.....	264	467	569	657	3,073
Cardiff	1,620	2,862	1,709	739	70	.....	212	821	1,187	2,414	3,769	3,205	18,608
Wabamun ...	873	226	67	110	56	7	140	439	183	90	407	129	2,727
Pembina	2,142	794	344	324	659	187	549	1,133	649	1,417	1,067	910	10,175
Peace River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96	.....	96
Total	82,675	72,238	39,326	22,630	11,129	10,924	15,759	31,525	40,173	67,680	101,164	83,523	578,746

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge....	292	135	430	127	39	31	96	103	90	248	289	273	2,153
Magrath.....	140	195	115	.....	.....	.....	14	82	23	38	266	70	79,943
Milk River....	318	309	199	64	96	133	103	141	158	410	645	500	3,076
Taber.....	149	169	150	105	7	73	63	70	70	168	64	67	1,155
Bow Island....	93	51	84	.....	15	22	25	35	276	342	364	170	1,477
Medicine Hat..	217	366	232	4	10	41	76	81	229	822	2,615	577	5,270
Aldersyde....	286	229	209	98	180	140	129	173	257	593	510	743	3,547
Gleichen.....	1,399	937	118	330	51	103	68	59	80	400	578	344	4,467
Drumheller....	207	104	31	.....	47	25	43	15	47	691	201	70	1,481
Rosedale.....	37	208	696	.....	.....	286	122	25	30	75	414	581	2,474
Wayne.....	49	118	21	11	5	.....	.....	6	15	19	31	52	327
Big Valley....	4,228	3,369	2,219	1,701	833	216	20	119	401	651	758	520	15,035
Brooks.....	10	11	122	17	22	18	18	39	118	107	165	322	969
Hanna.....	1,482	837	388	220	180	106	95	216	316	503	1,035	2,085	7,463
Lacombe.....	886	794	495	308	157	169	67	310	175	1,056	1,736	1,533	7,686
Trochu.....	714	571	232	150	26	17	29	59	20	96	385	397	2,696
Three Hills...	856	403	375	657	246	120	106	145	591	1,092	1,352	1,478	7,421
Carbon.....	217	189	260	83	379	75	38	15	.....	100	96	148	1,600
Battle River...	701	1,077	469	146	145	52	86	108	198	998	1,682	1,606	7,268
Camrose.....	632	341	384	122	364	557	740	326	750	1,292	1,042	1,237	7,787
Tofield.....	.....	2,711	306	112	165	231	129	32	381	160	585	320	5,132
Clover Bar....	2,458	1,304	3,913	9,506	2,510	3,139	3,707	3,752	1,956	32	582	2,706	35,565
Edmonton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona...	5	29	.....	43	.....	.....	.....	.....	.....	.....	.....	.....	77
Namoo.....	728	827	487	460	190	.....	.....	.....	259	565	1,109	546	5,171
Cardiff.....	282	422	85	2,728	5,225	4,772	5,270	4,852	.....	504	776	707	25,623
Wabamun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina.....	386	205	130	1,143	194	.....	.....	231	64	573	1,125	1,122	5,173
Peace River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	481	64	545
Total.....	16,772	15,911	12,150	18,135	11,086	10,326	11,044	10,994	6,504	11,535	18,886	18,238	161,581

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	2,365	2,862	1,150	1,775	692	2,166	1,925	3,696	3,057	3,123	4,313	2,762	29,886
Magrath	5	2	3	3	6	6	2	88	131	226	51	50	119
Milk River . . .	23	49	85	63	14	6	4	88	131	226	211	234	1,134
Taber	5	6	3	3	3	3	3	3	3	3	3	3	32
Bow Island . . .	71	21	58	4	9	7	10	31	15	77	77	26	349
Medicine Hat . .	22	11	7	11	9	7	10	31	3	9	108	31	259
Aldersyde	14	14	14	14	14	14	14	14	14	14	14	14	67
Gleichen	2,196	2,844	1,443	1,473	1,161	555	1,999	2,438	1,355	3,412	6,362	2,687	27,925
Drumheller . . .	419	126	62	96	32	57	94	280	160	30	204	70	1,630
Rosedale	1,202	1,000	332	98	33	307	409	809	879	1,322	2,095	920	9,406
Wayne	18	27	51	5	33	307	744	380	292	333	574	677	3,101
Big Valley	89	40	36	36	81	56	92	170	316	690	2,242	753	165
Brooks	301	205	80	86	81	56	92	170	316	690	2,242	753	5,072
Hanna	174	91	225	225	225	225	225	225	225	225	225	225	591
Lacombe	259	228	186	186	186	186	23	72	141	222	231	270	1,632
Trochu	391	542	794	991	991	991	923	547	162	547	232	1,935	6,832
Three Hills . . .	71	52	11	11	11	11	84	314	10	16	232	388	780
Battle River . . .	1,536	1,069	516	171	36	22	84	314	571	909	1,504	1,326	8,058
Camrose	15	10	10	10	10	10	10	10	10	10	20	10	93
Tofield	8,139	8,113	6,413	4,201	2,150	1,921	2,706	4,878	5,984	8,835	11,400	10,409	75,149
Clover Bar	4,927	3,973	6,251	4,475	2,883	800	2,925	1,990	3,048	4,767	5,664	6,014	47,717
Edmonton	135	106	65	32	56	135	778	215	128	227	260	352	1,305
Strathcona	688	1,042	485	235	313	135	778	215	321	560	1,288	1,139	5,678
Namoo	993	96	64	95	107	131	94	203	725	165	167	192	2,203
Cardiff	164	96	64	95	107	131	94	203	725	165	167	192	2,203
Wabamun	164	96	64	95	107	131	94	203	725	165	167	192	2,203
Pembina	164	96	64	95	107	131	94	203	725	165	167	192	2,203
Peace River	164	96	64	95	107	131	94	203	725	165	167	192	2,203
Total	24,192	23,466	18,517	13,998	7,573	6,163	12,812	16,723	17,308	25,983	37,646	30,758	235,139

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by districts during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	2,092	4,428	931	1,516	1,127	2,084	2,888	2,853	3,475	2,407	4,679	4,170	32,650
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	.....	.....	8	.....	.....	.....	.....	42	.....	.....	2	.....	4
Bow Island	10	7	4	2	5	3	4	7	33	70	65	24	50
Medicine Hat	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	234
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	20	.....	20	.....	4	3	47
Drumheller	6,774	7,460	5,324	3,571	4,212	1,854	3,379	4,987	3,436	6,942	7,179	6,127	61,245
Rosedale	510	1,803	423	31	126	160	94	407	549	333	600	325	5,361
Wayne	1,234	2,131	1,036	421	66	304	500	865	529	1,596	537	927	10,146
Big Valley	915	597	237	146	163	.....	142	151	281	87	.....	140	2,859
Brooks	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	3
Hanna	33	40	.....	60	.....	.....	50	60	136	205	347	222	1,153
Lacombe	12	4	.....	.....	.....	.....	.....	.....	.....	.....	15	84	115
Trochu	100	60	190	.....	.....	.....	.....	.....	.....	.....	.....	.....	350
Three Hills	350	507	104	178	119	33	106	255	590	770	852	769	4,633
Carbon	230	23	368	857	150	.....	969	451	336	379	.....	1,427	5,190
Battle River	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10
Camrose	1,269	825	596	394	654	523	354	313	373	693	912	685	7,591
Tofield	.....	33	240	150	438	217	214	131	98	144	.....	.....	1,665
Glover Bar	7,223	7,675	4,076	4,560	1,347	1,249	2,139	4,723	4,922	8,103	10,366	6,912	61,295
Edmonton	3,934	3,191	3,213	2,176	1,270	194	1,770	1,085	1,566	2,745	3,637	4,073	28,854
Strathcona	227	135	78	7	.....	.....	.....	.....	.....	.....	77	100	624
Namoo	539	454	251	158	73	.....	.....	.....	125	349	509	498	2,956
Cardiff	1,023	1,765	945	218	114	148	33	526	410	951	1,813	1,121	9,067
Wabamun	1,442	1,114	1,152	885	1,077	975	509	1,112	609	1,533	525	337	11,270
Pembina	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peace River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	.....	10
Total	27,917	32,263	19,176	13,330	10,941	7,744	13,171	17,970	17,488	27,307	32,129	27,946	247,382

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	147	140	158	14	19	.....	47	47	51	111	198	158	1,090
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	643	744	324	143	381	307	66	149	606	596	458	1,394	5,811
Saunders	126	128	182	29	.....	.....	38	456	240	259	290	375	2,123
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	916	1,012	664	186	400	307	151	652	897	966	946	1,927	9,024

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	908	767	645	63	89	16	75	249	370	502	294	269	4,247
High River	435	181	21	148	92	26	112	85	136	234	373	329	2,172
Calgary	9	99	122	340	85	34	47	53	23	.....	.....	.....	812
Saunders	474	640	464	290	373	759	329	545	385	522	284	328	5,393
Yellowhead	569	8,809	160	118	111	60	161	148	133	168	573	205	11,215
Total	2,395	10,496	1,412	959	750	895	724	1,080	1,047	1,426	1,524	1,131	23,839

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	34	14	22	4	.....	.....	13	2	1	.....	13	21	124
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	26	10	10	10	606	1	6	10	15	20	435	252	1,401
Saunders	284	127	359	44	.....	44	736	4,342	2,909	3	36	418	9,302
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	344	151	391	58	606	45	755	4,354	2,925	23	484	691	10,827

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	272	208	219	31	11	.....	45	50	108	206	269	159	1,578
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	554	523	263	.....	164	450	465	973	1,817	1,299	190	2,136	8,834
Yellowhead	.....	.....	53	.....	.....	.....	.....	472	.....	95	72	31	723
Total	826	731	535	31	175	450	510	1,495	1,925	1,600	531	2,326	11,135

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,271	358	993	477	338	392	300	425	595	917	588	1,016	7,670
Canmore	97	.....	125	83	.....	.....	30	.....	39	.....	291	434	1,099
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
MountainPark	217	205	189	111	.....	87	107	71	91	162	148	121	1,509
Total	1,585	563	1,307	671	338	479	437	496	725	1,079	1,027	1,571	10,278

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	4,177	4,335	2,116	1,684	1,347	1,220	4,259	5,997	8,316	7,720	3,100	4,049	48,320
Canmore	700	639	428	142	142	45	294	1,354	1,092	906	166	177	6,085
Brazeau	953	270	120	231	97	64	49	126	255	205	224	373	2,967
Jasper Park	136	131	65	33	17	10	7	10	37	36	45	100	627
MountainPark	199	287	228	262	358	211	31	185	588	273	241	920	3,783
Total	6,165	5,662	2,957	2,352	1,961	1,550	4,640	7,672	10,288	9,140	3,776	5,619	61,782

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	94	599	66	160	79	80	66	207	537	391	195	83	2,557
Canmore	567	548	348	242	181	56	108	87	172	253	43	48	2,653
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	2	.....	6	.....	4	.....	30	.....	42
Total	661	1,147	414	402	262	136	180	294	713	644	268	131	5,252

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal during each month for consumption in Alberta:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,725	2,398	1,105	996	3,492	2,489	2,667	3,497	4,193	2,134	1,084	1,753	27,533
Canmore	.....	105	31	.....	.....	.....	.....	.....	88	.....	44	.....	268
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park
Total	1,725	2,503	1,136	996	3,492	2,489	2,667	3,497	4,281	2,134	1,128	1,753	27,801

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	2,208	2,504	1,109	915	292	725	596	783	3,205	3,443	3,772	2,976	22,528
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	.....	.....	43	.....	.....	.....	.....	66	30	65	98	63	365
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	753	987	617	72	159	98	128	684	797	2,154	1,689	1,680	9,818
Rosedale	70	32	.....	33	.....	32	.....	.....	30	95	.....	94	386
Wayne	179	149	41	32	.....	.....	32	66	278	411	278	215	1,681
Big Valley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	60	.....	570	.....	.....	.....	.....	.....	.....	.....	.....	.....	630
Three Hills	30	31	33	.....	.....	.....	84	151	33	106	102	33	368
Carbon	.....	.....	.....	.....	.....	.....	.....	.....	34	31	.....	44	344
Battle River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	.....	.....	.....	30	.....	.....	228	95	62	31	67	31	641
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namao	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	76	65	.....	62	.....	201	98	307	804	1,175	477	337	3,602
Pembina	1,016	215	162	63	32	.....	63	210	224	1,067	507	748	4,307
Total	4,425	4,080	2,575	1,207	483	1,056	1,229	2,362	5,497	8,578	6,990	6,221	44,703

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island	354	.....	354
Medicine Hat
Aldersyde
Gleichen
Drumheller	62	.....	62
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu	29	.....	.....	.....	.....	.....	.....	29
Three Hills
Carbon
Battle River
Canrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina	2,168	2,455	2,658	520	963	402	394	301	1,884	697	458	12,900
Total	2,168	2,455	2,658	520	963	431	394	301	1,884	1,113	458	13,345

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	375	668	33	217	.....	395	248	199	409	545	680	313	4,082
Magrath . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	33	.....	.....	.....	.....	.....	.....	33	.....	.....	33	.....	99
Bow Island . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller . . .	65	163	.....	96	74	33	.....	.....	97	327	284	28	1,167
Rosedale . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wayne	15	111	.....	.....	.....	.....	.....	.....	31	30	.....	61	248
Big Valley . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Lacombe . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu . . . . .	.....	.....	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills . . .	.....	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Carbon . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Battle River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	.....	79	112
Camrose . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar . . . .	.....	.....	.....	199	.....	.....	.....	.....	.....	30	63	.....	292
Edmonton . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	32	33	.....	408	33	845	.....	38	402	304	1,310	238	3,643
Pembina	349	326	30	94	125	63	.....	148	763	235	227	364	2,724
Total	909	1,334	103	1,014	232	1,336	248	418	1,702	1,504	2,597	1,083	12,480

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	205	.....	.....	.....	.....	108	65	33	143	107	143	292	1,096
Yellowhead	127	223	92	32	268	.....	40	.....	142	260	374	406	1,964
Total	332	223	92	32	268	108	105	33	285	367	517	698	3,060

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	749	686	681	348	1,065	242	428	68	248	447	553	400	5,915
Total	749	713	810	458	1,311	378	634	68	429	588	748	546	7,432

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	600	465	235	.....	185	33	.....	288	329	304	273	360	3,072
Total	600	465	235	.....	185	33	.....	288	329	304	273	360	3,072

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	93	264	191	.....	66	.....	.....	.....	.....	.....	61	112	787
Total	93	264	191	.....	66	.....	.....	.....	.....	.....	61	112	787

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	343	192	125	.....	.....	.....	99	245	305	96	191	65	1,661
Canmore	82	.....	.....	.....	.....	.....	.....	42	45	.....	.....	.....	169
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Total	425	192	156	.....	.....	.....	99	287	350	96	191	65	1,861

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,318	189	326	359	250	373	80	394	322	573	564	2,064	8,812
Canmore	.....	.....	45	47	130	.....	46	122	596	162	82	48	1,278
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Mountain Park	2,634	990	661	726	1,711	.....	45	.....	1,022	.....	735	1,268	9,792
Total	5,985	1,179	1,032	1,132	2,091	373	171	516	1,940	735	1,381	3,380	19,915

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	31	33	.....	33	87	1	1	.....	186
Canmore
Brazeau
Jasper Park
Mountain Park	1	1
Total	31	33	.....	33	87	1	1	1	187

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in British Columbia:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	224	33	.....	.....	.....	.....	.....	112	.....	33	1,381
Canmore	979
Brazeau
Jasper Park
Mountain Park
Total	979	224	33	112	33	1,381

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	19,191	31,290	16,181	14,938	7,864	16,231	24,677	32,389	24,308	38,250	45,275	20,648	291,242
Magrath .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	625	369	196	.....	.....	.....	215	669	597	964	999	652	5,286
Bow Island .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	811	614	37	85	.....	.....	.....	110	340	268	269	89	2,623
Aldersyde .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller	29,211	32,311	18,367	6,926	1,512	1,101	4,547	18,742	15,218	41,251	46,178	24,638	240,002
Rosedale	7,336	8,881	3,275	1,279	355	668	1,305	5,989	10,692	16,102	15,396	6,202	77,480
Wayne	5,885	10,482	3,288	1,845	234	968	1,404	7,508	12,271	22,005	22,174	9,601	97,665
Big Valley	475	377	32	.....	33	.....	.....	138	883	1,734	952	527	5,151
Brooks .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	740	.....	.....	.....	.....	.....	.....	.....	.....	90	120	30	980
Lacombe	68	79	.....	.....	.....	.....	.....	.....	.....	.....	.....	37	184
Trochu	176	253	360	.....	.....	.....	.....	129	443	236	326	.....	973
Three Hills	196	124	.....	.....	.....	.....	166	.....	.....	1,321	662	263	1,883
Carbon	379	79	655	568	533	249	874	536	788	.....	.....	1,238	7,882
Battle River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose	2,255	1,398	396	61	31	.....	.....	974	614	1,458	1,646	913	9,917
Tofield	6,840	6,867	1,189	1,484	2,048	1,349	322	1,196	2,981	8,016	11,874	4,829	48,995
Clover Bar	2,582	3,577	1,862	516	37	126	2,093	5,187	5,619	7,750	6,769	3,081	39,199
Edmonton .....	.....	155	.....	.....	.....	.....	.....	670	241	751	580	1,584	3,981
Strathcona .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	291	1,105	195	.....	34	64	72	697	190	640	1,563	710	5,561
Wabamun	308	439	33	128	1,051	1,339	478	72	125	65	346	66	4,450
Pembina	1,867	356	32	1,288	2,633	1,572	1,058	572	875	561	476	512	11,802
Total	79,236	98,756	46,098	29,118	16,365	23,667	37,382	75,578	76,185	141,462	155,789	75,651	855,287

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	430	724											1,154
Magrath													
Milk River													
Taber													
Bow Island		669	176	57	31		110	714	934	139	5,398	552	9,946
Medicine Hat	1,166												
Aldersyde													
Gleichen		207	104	197		134	71			627	792	63	1,328
Drumheller	193												1,128
Rosedale	68												
Wayne				633	250				562	478	590	898	3,411
Big Valley													
Brooks													159
Hanna	159						29	35					627
Lacombe	401	162											
Trochu													
Three Hills	1,496	1,140						32	34		95	541	3,338
Carbon													
Battle River													
Camrose						32	353	132		192	93	33	899
Tofield	854	871	1,291	725	1,287	1,447	1,088	586	552	704	1,299	2,879	13,583
Clover Bar			381		69			32			64		546
Edmonton		400											400
Strathcona													
Namoo												62	62
Cardiff													
Wabamun				111	104	85	53	41					394
Pembina	551	715	95	193	239	64	65					1,017	2,939
Total	5,318	4,888	2,047	1,916	1,980	1,762	1,769	1,572	2,146	2,140	8,331	6,045	39,914

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	1,345	3,741	2,724	3,300	1,903	3,009	4,290	4,577	4,500	5,477	6,538	4,014	45,418
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber ...	66	33	...	...	...	...	48	108	57	120	149	193	774
Bow Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat ...	350	353	...	56	...	...	...	46	102	211	126	31	1,275
Aldersyde ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ...	4,447	4,458	3,979	2,072	1,311	634	638	2,134	2,400	4,799	5,916	4,314	37,102
Rosedale ...	305	315	368	335	...	...	62	499	524	642	405	367	3,822
Wayne ...	1,018	1,697	523	373	110	234	393	381	1,409	1,987	2,194	1,678	11,997
Big Valley ...	...	...	...	...	...	...	112	216	932	1,427	1,558	1,503	5,748
Brooks ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna ...	153	33	...	...	...	...	...	...	64	174	414	427	1,265
Lacombe ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu ...	...	40	25	...	...	...	...	...	...	...	150	...	215
Three Hills ...	34	41	773	...	...	...	...	...	...	41	106	32	1,027
Carbon ...	234	66	328	443	103	42	175	104	191	519	66	604	2,875
Battle River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose ...	2,239	622	831	...	...	...	130	721	709	708	1,147	619	7,726
Tofield ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clover Bar ...	419	708	358	260	170	62	288	1,343	1,908	1,840	1,481	734	9,571
Edmonton ...	308	...	...	...	...	...	...	...	...	...	...	33	341
Strathcona ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff ...	160	446	33	...	...	...	...	...	...	...	...	...	...
Wabamun ...	2,035	1,903	2,540	2,049	1,837	992	280	267	1,172	473	292	134	1,301
Pembina ...	158	64	64	134	128	193	356	588	218	295	423	169	16,945
Total ...	13,271	14,520	12,546	9,022	5,630	5,166	6,772	11,017	14,186	18,848	22,285	16,929	150,192

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	119	479	.....	200	249	385	436	754	337	607	773	318	4,657
Magrath . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber . . .	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40
Bow Island . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller . . .	7,259	7,793	4,260	4,564	2,847	2,883	2,213	2,149	2,452	8,814	7,775	6,138	59,147
Rosedale . . .	938	862	358	243	.....	.....	125	314	877	482	457	585	5,241
Wayne . . .	514	1,118	357	229	59	.....	.....	375	1,327	1,142	1,044	538	6,703
Big Valley . . .	243	64	.....	.....	283	.....	.....	30	.....	30	171	13	834
Brooks . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu . . .	.....	30	25	.....	.....	.....	.....	.....	.....	.....	.....	30	85
Three Hills . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	61	.....	367	428
Battle River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose . . .	.....	.....	30	.....	60	.....	.....	.....	.....	.....	.....	63	153
Tofield . . .	.....	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar . . .	67	143	226	29	48	.....	.....	.....	530	.....	.....	.....	67
Edmonton . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,043
Strathcona . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun . . .	.....	.....	.....	100	102	252	153	40	510	.....	.....	.....	1,157
Pembina . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total . . .	9,180	10,556	5,256	5,365	3,648	3,520	2,927	3,662	6,033	11,136	10,220	8,052	79,555

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	1,263	1,315	460	224	153	63	709	1,121	1,623	1,583	1,395	1,691	11,600
Saunders	242	269	138	.....	.....	94	124	551	686	678	811	498	4,091
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	1,505	1,584	598	224	153	157	833	1,672	2,309	2,261	2,206	2,189	15,691

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	94	235	.....	.....	.....	.....	.....	372	203	113	165	207	1,389
Saunders	66	198	33	.....	100	.....	65	66	120	33	.....	33	714
Yellowhead	196	231	142	62	32	.....	192	813	541	763	425	208	3,605
Total	356	664	175	62	132	.....	257	1,251	864	909	590	448	5,708

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	161	623	198	.....	.....	.....	.....	89	316	245	505	42	547
											319	43	1,994
Total	161	623	198	.....	.....	.....	.....	89	316	245	824	85	2,541

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	541	816	180	99	90	306	266	150	397	178	.....	416	3,439
Yellowhead	97	51	33	.....	102	187	.....	93	186	177	.....	233	1,162
											3		
Total	638	867	213	99	192	493	266	243	583	355	3	649	4,601

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	599	553	164	76	.....	.....	144	1,861	559	243	341	.....	4,540
Canmore	.....	.....	123	.....	.....	.....	67	.....	.....	.....	.....	.....	190
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	32	.....	.....	.....	.....	.....	.....	63	65	32	.....	32	224
Total	631	553	287	76	.....	.....	211	1,924	624	275	341	32	4,954

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,104	4,207	1,323	1,670	905	727	3,553	9,088	9,644	3,914	3,685	2,294	44,114
Canmore	136	.....	238	.....	46	.....	647	1,043	156	359	254	287	3,166
Brazeau	.....	.....	.....	63	.....	.....	33	.....	46	.....	.....	.....	142
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	800	594	375	350	185	256	365	1,220	763	1,010	60	101	6,079
Total	4,040	4,801	1,936	2,083	1,136	983	4,598	11,351	10,609	5,283	3,999	2,682	53,501

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	400	352	245	113	66	146	324	970	840	708	186	1,922	6,272
Canmore	36	43	.....	.....	.....	.....	.....	.....	.....	.....	.....	33	112
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	436	395	245	113	66	146	324	970	840	708	186	1,955	6,384

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Saskatchewan:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	1,110	493	226	258	99	240	554	278	392	627	463	340	5,080
Canmore	.....	.....	.....	.....	.....	.....	.....	46	.....	.....	.....	.....	46
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park
Mountain Park
Total	1,110	493	226	258	99	240	554	324	392	627	463	340	5,126

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	4,727	8,581	3,936	3,176	623	2,944	4,457	4,159	3,941	5,823	3,015	2,412	47,794
Magrath . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber	266	250	67	34	.....	.....	172	417	454	951	769	335	3,715
Bow Island . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	27,951	28,579	19,528	5,873	686	820	2,273	5,359	12,163	38,964	28,809	18,136	189,141
Drumheller . . .	3,342	5,044	2,037	536	98	272	275	1,714	2,968	5,354	4,000	2,449	28,089
Rosedale	4,850	10,333	3,109	983	170	127	1,370	3,461	6,505	14,363	6,608	4,700	56,579
Wayne	291	.....	.....	.....	.....	.....	275	101	665	510	471	326	2,639
Big Valley . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	30	70
Hanna . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	567	233	30	.....	.....	.....	.....	.....	101	.....	490	678	2,099
Three Hills . . .	2,516	643	172	34	.....	.....	.....	632	766	1,468	1,218	689	8,138
Carbon	50	.....	190	118	162	.....	1,223	757	853	1,565	.....	3,674	8,592
Battle River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	32	32
Camrose	401	204	144	32	.....	.....	.....	101	483	167	96	130	1,758
Tofield	1,683	1,197	362	544	2,277	3,375	672	32	424	544	1,071	830	13,011
Clover Bar . . .	522	877	586	505	490	156	650	906	919	833	1,274	646	8,364
Edmonton . . .	576	719	.....	.....	.....	.....	227	210	205	218	206	45	2,406
Strathcona . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff	200	169	66	.....	32	.....	116	367	.....	172	437	99	1,658
Wabamun	67	337	32	.....	126	.....	.....	78	33	32	129	66	900
Pembina	1,922	888	766	685	1,618	1,124	2,247	536	752	1,137	559	197	12,431
Total	49,931	58,054	31,025	12,520	6,282	8,818	13,957	18,830	31,232	72,133	49,192	35,474	387,448

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River	60	...	...	60
Taber
Bow Island
Medicine Hat . . .	31	...	...	...	...	...	...	47	...	...	240	315	633
Aldersyde
Gleichen	1,855	...	...	2,151
Drumheller . . .	296	...	...	...	...	...	...	...	...	...	330	554	884
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu	313	...	...	...	...	...	...	...	...	...	...	313
Three Hills	99	160	59	...	136	...	196	131	516	145	1,442
Carbon
Battle River
Camrose	31	...	...	...	31
Tofield
Clover Bar	33	...	...	...	41	...	...	...	...	...	74
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina . . .	1,229	186	...	1,363	612	172	...	3,562
Peace River
Total . . .	1,556	499	132	1,523	671	...	177	47	227	2,046	1,258	1,014	9,150

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The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	47	105	81	159	106	33	66	78	296	400	395	130	1,896
Magrath .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber	34	...	44	...	...	...	33	148	196	232	132	...	819
Bow Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ...	4,363	4,950	2,521	1,275	461	63	507	1,632	1,571	6,700	5,031	3,324	32,398
Rosedale	222	264	64	64	...	...	...	94	403	255	370	168	1,904
Wayne	1,138	2,772	412	164	...	66	224	455	689	2,467	664	530	9,581
Big Valley .....	...	...	...	...	...	...	...	...	526	616	1,369	712	3,223
Brooks .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna .....	...	40	...	...	...	...	...	...	66	424	355	290	1,175
Lacombe .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu	72	63	...	...	...	...	...	...	...	...	30	...	165
Three Hills ...	234	138	81	...	...	...	...	65	154	249	239	32	1,192
Carbon .....	...	...	123	242	...	...	347	634	226	484	...	2,437	4,493
Battle River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose	64	94	...	...	...	...	...	...	...	...	...	...	158
Tofield .....	...	...	...	...	...	...	...	...	...	...	1,299	...	1,299
Clover Bar ...	358	698	221	419	...	31	187	416	919	653	290	170	4,362
Edmonton .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Strathcona ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo .....	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff	37	98	39	...	...	...	...	30	...	...	67	57	359
Wabamun	95	146	...	44	...	...	...	98	...	351	128	213	1,075
Pembina .....	...	645	511	479	562	228	791	738	1,112	1,504	68	404	7,042
Total	6,604	10,013	4,097	2,846	1,129	421	2,155	4,388	6,158	14,366	10,437	8,467	71,141

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	31	.....	.....	.....	31
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen	1,276	993	350	1,179	95	32	223	385	819	1,555	1,353	807	9,067
Drumheller	105	.....	65	.....	.....	.....	30	.....	654	671	162	1,687
Rosedale	78	298	104	32	33	.....	.....	31	125	438	204	191	1,534
Wayne	64	.....	.....	64
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills	86	167	122	200	.....	47	622
Carbon
Battle River
Camrose
Tofield	67	.....	.....	.....	.....	.....	67
Clover Bar
Edmonton
Strathcona
Nanao
Cardiff
Wabamun	520	295	456	.....	.....	.....	.....	.....	.....	745	356	2,372
Pembina
Peace River
Total	1,354	1,916	749	1,732	128	32	376	613	1,097	2,911	2,973	1,563	15,444

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	3,528	2,030	1,278	609	259	683	1,418	1,547	2,073	2,275	1,820	1,668	19,188
Yellowhead	2,796	2,331	510	65	78	161	121	1,090	1,570	2,024	1,819	1,355	13,920
Total	6,324	4,361	1,788	674	337	844	1,539	2,637	3,643	4,299	3,639	3,023	33,108

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	79	123	110	.....	98	.....	40	.....	97	86	77	.....	710
Yellowhead	1,963	744	685	97	63	.....	129	404	1,006	1,748	951	585	8,375
Total	2,042	867	795	97	161	.....	169	404	1,103	1,834	1,028	632	9,132

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	50	60	33	.....	.....	.....	508	.....	.....	.....	.....	.....	651
Yellowhead ..	2,024	756	289	187	267	.....	77	330	145	627	359	359	5,420
Total	2,074	816	322	187	267	.....	585	330	145	627	359	359	6,071

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	2,202	1,198	786	281	50	77	.....	779	394	948	969	163	7,847
Yellowhead ..	955	910	95	28	140	.....	140	142	517	678	598	70	4,273
Total	3,157	2,108	881	309	190	77	140	921	911	1,626	1,567	233	12,120

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	94	47	33	47	.....	.....	32	44	.....	33	88	33	451
Canmore	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	12
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	94	47	33	59	.....	.....	32	44	.....	33	88	33	463

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	593	304	81	33	.....	127	80	146	209	434	481	608	3,096
Canmore	44	.....	44	311	415	92	89	137	53	48	68	.....	1,301
Brazeau	.....	.....	.....	.....	97	80	77	.....	33	.....	.....	.....	287
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	76	375	212	120	90	90	30	230	180	1,136	595	.....	3,134
Total	713	679	337	464	602	389	276	513	475	1,618	1,144	608	7,818

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	272	66				33	33					66	470
Cannore				36					155	31			222
Brazeau													
Jasper Park													
Mountain Park													
Total	272	66		36		33	33		155	31		66	692

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in Manitoba:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.													
Cannore					87		50		140		269	457	1,052
Brazeau				49									
Jasper Park													
Mountain Park													
Total				49	87		50		140		269	457	1,052

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The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge ...	251	200	109	295	83	...	43	147	134	75	341	189	1,867
Magrath ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber ...	...	...	96	128	...	...	...	...	...	40	108	207	579
Bow Island ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Medicine Hat ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Aldersyde ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleichen ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Drumheller ...	479	626	663	221	...	486	1,235	4,216	476	4,597	1,161	224	14,384
Rosedale ...	64	31	32	32	32	...	...	31	402	386	162	72	1,244
Wayne ...	292	208	90	114	...	...	...	507	533	900	135	31	2,810
Big Valley ...	...	...	...	...	...	...	434	364	...	64	...	...	862
Brooks ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lacombe ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trochu ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Hills ...	...	...	33	...	...	32	...	31	...	...	...	...	96
Carbon ...	...	...	...	...	...	...	...	...	...	222	...	33	321
Battle River ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Camrose ...	...	...	...	...	...	...	...	...	...	64	...	...	64
Tofield ...	...	...	...	...	...	...	...	...	97	...	...	...	97
Clover Bar ...	34	31	103	31	...	...	...	686	64	324	101	...	1,374
Edmonton ...	...	...	...	...	...	...	...	100	42	95	104	...	341
Srathcona ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Namoo ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cardiff ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wabamun ...	...	...	32	42	...	...	...	124	...	267	...	...	501
Pembina ...	100	177	142	32	65	...	...	...	...	1,255	200	111	2,082
Total	1,220	1,273	1,300	895	180	518	1,712	6,206	1,850	8,289	2,312	867	26,622

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu	75	.....	.....	.....	75
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun	1,641	1,254	934	404	191	.....	.....	.....	12,618
Pembina	3,043	2,115	3,036	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	3,043	2,115	3,036	.....	1,641	1,254	934	404	226	.....	.....	.....	12,693

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	32	.....	65	.....	.....	.....	.....	.....	.....	31	.....	128
Magrath
Milk River	43	43	.....	.....	66	42	194
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen	319	204	.....	160	33	64	585	220	1,343	771	137	4,426
Drumheller ..	590	33	32	.....	.....	.....	.....	332	209	651	.....	.....	65
Rosedale	231	136	33	.....	.....	.....	.....	.....	33	.....	.....	1,745
Wayne ..	153	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	33
Big Valley
Brooks	33
Hanna ..	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe
Trochu
Three Hills	32	33	65	154	.....	.....	284
Carbon
Battle River
Camrose
Tofield
Clover Bar	205	31	65	33	.....	.....	260	33	254	418	64	1,531
Edmonton	57	.....	15	.....	.....	72
Strathcona
Namoo
Cardiff	655	96	1,151	.....	.....	1,902
Wabamun	321	.....	.....	354
Pembina	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	944	820	436	163	193	33	139	1,965	623	3,922	1,286	243	10,767

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne	32	.....	.....	.....	.....	.....	.....	.....	.....	32	192	62	318
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Nanao
Cardiff
Wabamun	280	95	.....	.....	.....	375
Pembina
Total	32	.....	.....	.....	.....	.....	.....	280	95	32	192	62	693

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
High River
Calgary	63	.....	.....	.....	.....	255	.....	62	.....	96	476
Saunders	43	.....	61	.....	171	110	69	44	.....	498
Yellowhead
Total	63	43	.....	61	.....	426	110	131	44	96	974

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	33	.....	.....	.....	.....	61	.....	43	63	73	.....	.....	33
Yellowhead	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	240
Total	33	.....	.....	.....	.....	61	.....	43	63	73	.....	.....	273

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in Ontario:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	33	.....	33	47	.....	.....	.....	43	29	127	.....	.....	312
Total	33	.....	33	47	.....	.....	.....	43	29	127	.....	.....	312

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Lump Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	128	.....	32	307	183	260	32	295	358	248	350	273	2,466
Magrath.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	73
Milk River...	2	.....	.....	.....	.....	24	47	.....	.....	66	.....	.....	145
Taber.....	.....	.....	33	46	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat...	137	240	.....	.....	.....	.....	.....	.....	43	.....	.....	88	508
Aldersyde.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drumheller...	1,705	1,587	1,011	334	.....	.....	95	161	648	652	651	411	7,255
Rosedale.....	.....	76	.....	.....	.....	.....	.....	.....	385	33	.....	.....	494
Wayne.....	30	350	33	32	.....	.....	.....	.....	31	.....	.....	.....	476
Big Valley...	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	66
Brooks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills...	.....	197	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	227
Carbon.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battle River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar...	.....	.....	.....	.....	.....	.....	.....	.....	40	42	34	.....	116
Edmonton.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,068	2,450	1,139	719	183	284	174	456	1,505	1,041	1,035	772	11,826

The following table shows the amount of DOMESTIC Coal disposed of as Mine Run Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge
Magrath
Milk River
Taber
Bow Island
Medicine Hat	64	.....	164	.....	228
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills	33	.....	33
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Total	64	.....	197	.....	261

THE MINES BRANCH

The following table shows the amount of DOMESTIC Coal disposed of as Nut Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	322	598	418	33	74	40	319	739	747	765	1,175	449	5,679
Magrath
Milk River
Taber
Bow Island	35	.....	.....	29	162
Medicine Hat	31	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde
Gleichen
Drumheller	203	191	482	96	77	.....	100	62	64	389	371	297	2,532
Rosedale	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	31
Wayne	33	189	.....	.....	.....	.....	.....	.....	70	.....	.....	.....	292
Big Valley
Brooks
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield	32	31	95	129	.....	317
Clover Bar	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton
Srathcona
Namoo
Cardiff
Wabamun
Pembina
Total	589	1,106	900	129	151	40	419	833	947	1,249	1,875	775	9,013

The following table shows the amount of DOMESTIC Coal disposed of as Slack Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	15												15
Magrath													
Milk River													
Taber													
Bow Island													
Medicine Hat													
Aldersyde													
Gleichen									66				66
Drumheller													
Rosedale													
Wayne													
Big Valley													
Brooks													
Hanna													
Lacombe													
Trochu													
Three Hills													
Carbon													
Battle River													
Camrose													
Tofield													
Clover Bar													
Edmonton													
Strathcona													
Namao													
Cardiff													
Wabamun													
Pembina													
Total	15								66				81

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
High River...
Calgary
Saunders
Yellowhead	28	.....	.....	.....	.....	.....	.....	.....	.....	28
Total	28	.....	.....	.....	.....	.....	.....	.....	.....	28

The following table shows the amount of SUB-BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	94
High River...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	47	.....	.....	.....	.....	.....	.....	47	.....	.....	.....	.....	94

The following table shows the amount of BITUMINOUS Coal disposed of as Lump Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.					727	208	33	413	141	47	79	228	1,876
Canmore													
Brazeau													
Jasper Park													
Mountain Park													
Total					727	208	33	413	141	47	79	228	1,876

The following table shows the amount of BITUMINOUS Coal disposed of as Mine Run Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	5,859	5,268	5,623	5,084	3,110	269	54	1,476	510	670	1,038	502	29,463
Canmore													
Brazeau													
Jasper Park													
Mountain Park													
Total	5,859	5,268	5,623	5,084	3,110	269	54	1,476	510	670	1,038	502	29,463

The following table shows the amount of BITUMINOUS Coal disposed of as Nut Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	66	33	47	47	.....	66	.....	43	193	66	177	738
Canmore
Brazeau
Jasper Park
Mountain Park
Total	66	33	47	47	.....	66	.....	43	193	66	177	738

The following table shows the amount of BITUMINOUS Coal disposed of as Slack Coal by Districts during each month for consumption in the United States:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	2,577	3,942	2,208	1,162	1,009	1,282	1,236	1,492	5,469	4,390	3,201	2,209	30,177
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	2,577	3,942	2,208	1,162	1,009	1,282	1,236	1,492	5,469	4,390	3,201	2,209	30,177

The following table shows the total amount of LUMP Coal sold during the years 1920 to 1923 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920	768,530	46,491	918,060	367,036	4,390	.....	5,689	2,110,196
1921	644,814	41,459	780,832	335,796	2,956	.....	4,439	1,810,296
1922	638,821	51,610	878,584	364,002	10,404	31	7,860	1,951,312
1923	598,048	49,624	875,932	421,019	27,596	.....	13,730	1,984,353

The following table shows the total amount of MINE RUN Coal sold during the years 1920 to 1923 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920	2,788,462	55,018	136,995	94,408	631	.....	99,990	3,175,504
1921	2,291,065	46,863	286,514	51,741	240	.....	87,128	2,763,551
1922	2,374,927	29,576	252,359	33,154	1,811	.....	53,826	2,745,653
1923	3,357,323	40,692	99,123	26,100	12,966	.....	29,818	3,565,585

NOTE:—The sales in Alberta include coal sold to railroads.

The following table shows the total amount of NUT Coal sold during the year 1920 to 1923 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	313,872	22,012	158,665	83,552	8,169	.....	13,377	599,647
1921.....	253,652	23,186	144,841	79,019	4,158	.....	12,940	517,796
1922.....	254,908	24,200	153,082	94,976	9,252	71	10,845	547,334
1923.....	251,218	15,739	159,117	77,904	11,079	.....	9,751	527,216

The following table shows the total amount of SLACK Coal sold during the year 1920 to 1923 inclusive for consumption in:

Year	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	Quebec	United States	Total
1920.....	292,893	5,329	96,426	55,966	721	30	34,554	485,919
1921.....	249,534	4,581	82,254	28,832	2,544	.....	29,316	397,061
1922.....	251,577	2,534	87,224	28,386	106	.....	32,983	402,810
1923.....	286,318	2,271	89,282	28,616	693	.....	30,258	437,063

NOTE:—The sales in Alberta include coal sold to Railroads.

The following tables show the total sales of each class of coal by grades during the year 1923, for consumption in:
DOMESTIC

	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total Sales
Lump	578,746	44,703	855,287	387,448	26,622	11,826	1,903,545
Mine Run	161,581	13,345	39,914	9,150	12,693	261	236,471
Nut	235,139	12,480	150,192	71,141	10,767	9,013	490,676
Slack	247,382	103	79,555	15,444	693	81	342,874
Total	1,222,848	70,631	1,124,948	483,183	50,775	21,181	2,973,566

SUB-BITUMINOUS

	Alberta	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total Sales
Lump	9,024	3,060	15,691	33,108	974	28	61,885
Mine Run	273,032	7,432	5,708	9,132	273	94	295,230
Nut	10,827	3,072	2,541	6,071	312	.....	23,254
Slack	11,135	787	4,601	12,120	.....	.....	28,653
Total	304,018	14,351	28,541	60,431	1,559	122	409,022

BITUMINOUS

	Alberta.	British Columbia	Saskatchewan	Manitoba	Ontario	United States	Total Sales
Lump	10,278	1,861	4,954	463	.....	1,876	18,923
Mine Run	2,922,710	19,915	53,501	7,818	.....	29,463	3,033,884
Nut	5,252	187	6,384	692	.....	738	13,286
Slack	27,801	1,381	5,126	1,052	.....	30,177	65,536
Total	2,966,041	23,344	69,965	10,025	.....	62,254	3,131,629

The following table shows the grades of Coal sold by Districts during 1923:

DOMESTIC COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Lethbridge	451,790	3,404	87,118	37,353	579,665
Magrath	1,902	947	14	.....	2,863
Milk River	2,792	3,138	117	4	6,051
Taber	17,472	1,060	3,103	102	21,737
Bow Island	4,113	1,477	32	234	5,856
Medicine Hat	3,821	16,431	1,786	.....	22,038
Aldersyde	5,280	3,547	259	.....	9,086
Gleichen	5,561	4,467	67	47	10,142
Drumheller	558,148	5,005	105,792	129,516	798,461
Rosedale	131,311	4,548	7,452	12,289	155,600
Wayne	186,568	327	33,269	18,734	238,898
Big Valley	12,337	18,446	12,105	3,757	46,645
Brooks	7,157	969	165	3	8,294
Hanna	10,817	7,622	7,585	1,153	27,177
Lacombe	2,864	8,313	12	103	11,292
Trochu	9,152	3,009	1,011	505	13,677
Three Hills	16,773	12,338	3,884	4,633	37,628
Carbon	26,653	1,600	14,596	6,240	49,089
Battle River	8,249	7,268	780	10	16,307
Camrose	38,132	8,715	15,942	7,744	70,533
Tofield	80,179	20,014	1,290	1,732	103,215
Clover Bar	185,817	36,185	91,222	62,405	375,629
Edmonton	50,374	400	48,130	28,854	127,758
Strathcona	3,749	77	373	624	4,823
Namao	3,104	5,233	1,305	2,956	12,598
Cardiff	25,827	25,623	7,338	9,067	67,855
Wabamun	12,180	394	29,148	12,427	54,149
Pembina	41,327	35,369	16,781	2,372	95,849
Peace River	96	545	.....	10	651
Total	1,903,545	236,471	490,676	342,874	2,973,566

The following table shows the grades of Coal sold by Districts during 1923:

SUB-BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Pincher Creek	1,090	6,569	124	1,578	9,361
High River .....	.....	2,172	.....	.....	2,172
Calgary .....	.....	812	.....	.....	812
Saunders	38,171	7,134	3,030	20,130	68,465
Yellowhead	22,624	278,543	20,100	6,945	328,212
Total	61,885	295,230	23,254	28,653	409,022

The following table shows the grades of Coal sold by Districts during 1923:

BITUMINOUS COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Crow's Nest Pass	15,689	1,465,156	10,256	64,170	1,555,271
Canmore	1,470	243,418	2,987	1,366	249,241
Brazeau		486,061			486,061
Jasper Park		234,638			234,638
Mountain Park	1,764	604,611	43		606,418
Total	18,923	3,033,884	13,286	65,536	3,131,629

The following table shows the grades of coal sold by Districts during 1923:

ANTHRACITE COAL

Districts	Lump	Mine Run	Nut	Slack	Total
Banff	2				2

The following table shows the total amount of DOMESTIC Coal used under colliery boilers during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	5,692	5,553	5,697	5,323	3,908	4,127	4,698	5,271	4,608	6,412	7,300	6,448	65,037
Magrath . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Taber . . .	1,139	975	255	165	29	36	984	417	1,845	1,188	1,138	706	8,877
Bow Island . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Medicine Hat . . .	76	72	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	163
Aldersyde . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen . . .	50	25	20	10	.....	.....	32	.....	.....	.....	10	20	167
Drumheller . . .	3,067	2,290	2,000	1,450	1,471	863	1,267	1,250	1,750	2,450	2,835	2,447	23,140
Rosedale . . .	350	330	350	75	20	100	120	261	250	232	220	198	2,506
Wayne . . .	801	1,148	545	244	70	130	320	940	1,290	1,445	1,380	1,180	9,493
Big Valley . . .	150	100	60	120	60	30	50	50	130	130	130	130	1,140
Brooks . . .	4	4	.....	3	1	1	1	1	2	.....	2	3	22
Hanna . . .	166	17	113	112	115	108	113	113	160	164	164	164	1,509
Lacombe . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu . . .	46	63	374	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills . . .	365	175	285	170	172	75	78	223	282	338	277	302	522
Carbon . . .	170	120	100	150	50	.....	300	150	150	390	.....	700	2,742
Battle River . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Camrose . . .	170	118	72	25	15	25	20	103	120	149	160	129	1,106
Tofield . . .	30	25	28	17	200	200	200	204	206	215	215	65	1,605
Clover Bar . . .	2,122	2,010	2,107	1,652	951	681	1,712	1,577	1,447	1,661	1,853	1,794	19,567
Edmonton . . .	350	350	365	300	250	200	100	100	200	200	200	200	2,815
Strathcona . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namao . . .	52	52	50	30	20	.....	.....	.....	50	60	50	50	434
Cardiff . . .	374	678	307	309	199	161	243	251	.....	384	480	550	3,936
Wabamun . . .	130	100	75	69	80	80	48	148	140	150	150	100	1,270
Pembina . . .	1,146	1,009	1,102	925	1,071	609	707	892	923	1,114	918	988	11,404
Total . . .	16,450	15,214	13,920	11,169	8,683	7,426	10,993	11,951	13,553	16,682	17,502	16,193	159,736

The following table shows the total amount of SUB-BITUMINOUS Coal used under colliery boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	25	22	21	15	83
High River...	10	10	5	.....	.....	.....	.....	.....	.....	.....	7	10	42
Calgary	3	4	4	4	4	3	4	4	.....	.....	.....	.....	33
Saunders	572	514	318	172	154	241	318	452	521	429	339	685	4,715
Yellowhead ..	880	826	523	387	450	550	493	482	619	684	941	888	7,723
Total	1,465	1,354	850	563	608	794	815	938	1,168	1,135	1,308	1,598	12,596

The following table shows the total amount of BITUMINOUS Coal used under colliery boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	3,670	3,365	3,293	2,835	2,946	3,374	3,725	3,958	3,764	3,594	3,331	4,475	42,330
Canmore	1,491	1,086	1,211	1,189	1,178	1,037	1,430	1,383	1,219	1,175	1,099	1,131	14,629
Brazzau	862	673	810	685	627	634	635	613	500	558	615	655	7,867
Jasper Park ..	1,301	1,160	1,411	1,244	1,117	1,061	965	919	835	826	658	481	11,978
Mountain Park	1,768	1,539	1,502	1,403	1,385	1,236	1,333	1,383	1,205	1,298	1,196	1,140	16,388
Total	9,092	7,823	8,227	7,356	7,253	7,342	8,088	8,256	7,523	7,451	6,899	7,882	93,192

The following table shows the total amount of ANTHRACITE Coal used under colliery boilers:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff	103	20	27	.....	.....	60	.....	.....	.....	107	317

The following table shows the amount of DOMESTIC Coal used by colliery railroads during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	71	134	51	56	72	89	101	123	110	151	199	90	1,247
Magrath
Milk River
Taber	50	50	50	50	50	50	300
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller . . .	125	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rosedale
Wayne
Big Valley	94	.....	125
Brooks	94
Hanna
Lacombe
Trochu
Three Hills
Carbon
Battle River
Camrose
Tofield
Clover Bar
Edmonton
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Total . . .	196	134	51	56	72	89	151	173	160	201	343	140	1,766

The following table shows the total amount of SUB-BITUMINOUS Coal used by colliery railroads:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellowhead	330	309	849	125	200	230	80	40	40	120	160	200	2,683
Total	330	309	849	125	200	230	80	40	40	120	160	200	2,683

The following table shows the total amount of BITUMINOUS Coal used by colliery railroads:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	81	64	41	40	68	29	73	67	39	38	42	62	644
Canmore	70	50	58	40	60	28	65	65	44	45	45	55	625
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	353	220	250	240	200	182	168	140	100	100	40	50	2,043
Mountain Park	155	168	.....	30	28	.....	.....	.....	.....	.....	.....	.....	381
Total	659	502	349	350	356	239	306	272	183	183	127	167	3,693

The following table shows the total amount of DOMESTIC Coal put to stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge	540	1,163	620	3,017	825	1,582	634	1,851	2,512	2,304	2,854	625	18,527
Magrath	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River	.....	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Taber	.....	.....	.....	.....	.....	.....	38	.....	.....	.....	.....	.....	38
Bow Island	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat	.....	110	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	110
Aldersyde	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen	.....	.....	.....	35	.....	.....	.....	.....	.....	.....	.....	.....	35
Drumheller	111	99	58	55	.....	.....	.....	.....	.....	59	.....	.....	382
Rosedale	90	.....	.....	.....	.....	.....	.....	.....	150	300	200	.....	90
Wayne	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	650
Big Valley	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu	.....	20	.....	.....	.....	.....	.....	.....	.....	.....	40	5	65
Three Hills	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon	.....	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	70
Battle River	290	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	290
Camrose	.....	.....	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	50
Tofield	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clover Bar	.....	.....	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	75
Edmonton	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Namoo	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Cardiff	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pembina	368	93	40	92	113	106	311	65	124	110	449	221	2,092
Total	1,399	1,585	858	3,199	938	1,688	983	1,916	2,786	2,773	3,543	851	22,519

The following table shows the total amount of SUB-BITUMINOUS Coal put to stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	.....	.....	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	44
Calgary	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saunders	313	27	.....	121	.....	.....	.....	.....	151	.....	.....	43	662
Yellowhead	100	50	138	65	.....	55	.....	141	211	727	3,156	27	4,670
Total	413	77	182	186	.....	55	.....	141	362	727	3,163	70	5,376

The following table shows the total amount of BITUMINOUS Coal put to stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	290	.....	.....	2,504	99	284	.....	898	1,375	1,886	.....	319	7,655
Canmore	565	370	781	338	165	.....	540	862	120	275	287	72	4,375
Brazeau	.....	.....	.....	.....	.....	.....	.....	250	950	956	.....	.....	2,150
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	400	300	.....	.....	700
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	705	112	80	10,390	11,287
Total	855	370	781	2,842	264	284	540	2,010	3,550	3,523	367	10,781	26,167

The following table shows the total amount of DOMESTIC Coal put on the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	719	957	668	551	447	583	685	1,012	1,199	1,159	1,493	856	10,329
Magrath...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milk River...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taber...	93	78	27	13	9	2	17	3	38	-88	94	33	495
Bow Island...	44	49	59	20	13	20	21	24	57	23	120	24	474
Medicine Hat...	83	12	15	20	...	...	2	20	29	235	141	50	607
Aldersyde...	16	14	14	4	6	3	8	26	15	20	65	44	235
Gleichen...	8	6	11	12	12	12	12	12	...	12	12	12	121
Drumheller...	81	51	23	10	4	...	4	34	28	32	72	54	393
Rosedale...	4	95	70	50	...	...	...	216	185	280	30	30	960
Wayne...	355	1,170	388	81	...	22	73	430	932	2,027	1,522	761	7,761
Big Valley...	...	...	...	...	...	...	...	...	10	...	...	...	10
Brooks...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanna...	78	63	48	31	58	4	7	54	57	103	226	148	877
Lacombe...	90	45	18	40	6	18	13	11	19	57	18	81	416
Trochu...	199	209	60	16	2	1	4	13	102	141	211	268	1,226
Three Hills...	30	30	60	5	2	18	7	10	23	13	24	18	240
Carbon...	18	...	18	5	4	...	...	...	...	...	...	...	45
Battle River...	85	72	17	12	...	9	6	...	12	68	293	232	806
Camrose...	706	283	20	3	...	3	5	160	194	537	475	382	2,768
Tofield...	10	5	4	3	...	...	...	...	4	15	15	10	66
Clover Bar...	...	...	...	...	...	...	...	...	...	...	...	100	100
Edmonton...	...	...	...	...	...	...	...	...	...	...	...	...	...
Strathcona...	116	70	5	20	...	...	...	...	...	22	149	156	538
Namoo...	...	27	...	...	30	...	...	...	3	22	45	75	202
Cardiff...	108	150	...	...	...	...	...	...	...	...	90	...	348
Wabamun...	...	...	...	...	30	...	...	...	...	...	488	697	1,215
Pembina...	443	275	246	236	306	247	335	310	344	637	378	384	4,141
Total	3,286	3,661	1,771	1,132	929	942	1,199	2,335	3,251	5,491	5,961	4,415	34,373

The following table shows the total amount of SUB-BITUMINOUS Coal put on the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
High River	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30
Calgary	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15
Saunders	.....	.....	.....	.....	.....	.....	137	.....	.....	.....	.....	.....	137
Yellowhead	8,258	6,162	3,302	2,161	6,676	5,589	2,208	.....	.....	100	685	130	35,271
Total	8,288	6,177	3,302	2,161	6,676	5,589	2,345	.....	.....	100	685	130	35,453

The following table shows the total amount of BITUMINOUS Coal put on the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	454	255	555	191	416	281	472	553	359	435	329	409	4,709
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	454	255	555	191	416	281	472	553	359	435	329	409	4,709

The following table shows the total amount of DOMESTIC Coal lifted from stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge...	2,724	540	1,212	620	4,592	1,115	1,582	567	596	1,893	91	1,010	16,542
Magrath...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milk River...	.....	15	.....	.....	.....	.....	.....	.....	.....	20	.....	.....	35
Taber...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bow Island...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Medicine Hat...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aldersyde...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gleichen...	.....	.....	.....	.....	.....	.....	.....	.....	.....	80	59	.....	1,036
Drumheller...	778	61	58	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rosedale...	.....	.....	65	.....	30	.....	20	.....	.....	.....	.....	.....	149
Wayne...	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Big Valley...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brooks...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hanna...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lacombe...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trochu...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Three Hills...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon...	485	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	485
Battle River...	.....	.....	117	.....	433	.....	11	.....	.....	.....	.....	.....	561
Camrose...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tofield...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clver Bar...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Edmonton...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Strathcona...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nanao...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cardiff...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wabamun...	110	368	93	40	92	113	106	311	65	124	110	449	1,981
Pembina...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	4,131	984	1,545	660	5,147	1,228	1,719	878	661	2,117	260	1,459	20,789

The following table shows the total amount of SUB-BITUMINOUS Coal lifted from stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
High River...
Calgary
Saunders	198	.....	96	52	.....	.....	.....	129	21	51	547
Yellowhead	100	50	138	.....	.....	55	.....	141	135	156	210	985
Total	100	248	138	96	52	55	.....	141	264	177	261	1,532

The following table shows the total amount of BITUMINOUS Coal lifted from stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	.....	779	837	.....	.....	12	919	.....	.....	1,568	473	.....	4,588
Canmore	530	565	370	781	.....	165	.....	540	862	120	275	287	4,833
Brazeau .....	.....	.....	.....	.....	.....	.....	.....	.....	250	950	950	550	2,700
Jasper Park ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	400	300	.....	700
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	530	1,344	1,207	781	338	177	919	540	1,112	3,038	1,998	837	12,821

The following table shows the total amount of ANTHRACITE Coal lifted from stock during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Banff	4,576	3,312	5,265	4,930	4,200	4,820	5,115	4,944	.....	.....	.....	.....	37,164

The following table shows the total amount of DOMESTIC Coal lifted from the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Lethbridge . . .	1,300	515	332	147	89	110	...	100	...	...	...	1,455	4,048
Magrath
Milk River
Taber . . .	780	720	...	...	...	...	650	40	1,300	185	...	...	3,675
Bow Island
Medicine Hat
Aldersyde
Gleichen
Drumheller
Rosedale
Wayne
Big Valley
Brooks
Hanna
Lacombe	2	...	...	...	...	...	...	2
Trochu	4	...	...	...	...	...	...	4
Three Hills
Carbon
Battle River
Camrose	200	230	510	300	...	...	...	...	...	1,240
Tofield
Clover Bar
Edmonton	461	461
Strathcona
Namoo
Cardiff
Wabamun
Pembina
Total . . .	2,080	1,235	332	347	319	626	950	140	1,300	185	...	1,916	9,430

The following table shows the total amount of SUB-BITUMINOUS Coal lifted from the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Pincher Creek
High River
Calgary
Saunders	137	.....	.....	.....	.....	137
Yellowhead
Total	137	.....	.....	.....	.....	137

The following table shows the total amount of BITUMINOUS Coal lifted from the waste heap during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crow's Nest P.	271	374	.....	.....	206	.....	.....	499	1,233	.....	1,397	1,385	5,365
Canmore	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brazeau	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mountain Park	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	271	374	.....	.....	206	.....	.....	499	1,233	.....	1,397	1,385	5,365

OUTPUTS AND NUMBER OF MINES PRODUCING:

	Under 10,000 tons		From 10,000 to 50,000 tons		From 50,000 to 100,000 tons		From 100,000 to 200,000 tons		From 200,000 to 300,000 tons		From 300,000 to 400,000 tons		Over 400,000 tons		Total	
	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Output	No.	Total
Domestic	273	288,673	21	414,995	20	1,388,256	6	706,657	..	.....	1	363,160	..	.....	321	3,161,741
Sub-Bituminous ..	19	22,719	7	152,275	..	.....	2	288,467	..	.....	..	.....	..	.....	28	463,461
Bituminous .....	..	.....	1	13,628	..	.....	2	336,967	6	1,631,210	1	339,068	2	920,741	12	3,241,614
Anthracite	1	107	..	.....	..	.....	..	.....	..	.....	..	.....	..	.....	1	107
Total	293	311,499	29	580,898	20	1,388,256	10	1,332,091	6	1,631,210	2	702,228	2	920,741	362	6,866,923

The following table shows the number of men employed in the DOMESTIC, SUB-BITUMINOUS, BITUMINOUS, and ANTHRACITE Coal Fields as at December 31st, 1923:

	BELOW GROUND												ABOVE GROUND												Total Above and Below Ground
	Officials	Hand-cutters	Machine-cutters	Machine-loaders and helpers	Horse	H'ge Emp's	Mechanical	V'ntilation	Road-makers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	All Other Employees	Surface Haulage	Total Above Ground	
Domestic	247	1,131	446	2,143	661	118	46	153	221	39	126	5,331	99	115	520	110	96	48	37	62	431	21	1,539	6,870	
Sub-Bituminous	18	131	28	147	20	19	2	4	13	..	9	391	19	10	48	18	14	10	5	14	131	2	271	662	
Bituminous	138	1,571	..	..	208	208	76	77	176	26	462	2,942	25	102	162	38	53	45	51	75	393	41	985	3,927
Anthracite . . . . .	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	3	3	..	..	..	1	9	..	18
Total	403	2,833	474	2,290	889	345	124	234	410	65	597	8,664	144	228	730	169	166	103	93	152	964	64	2,813	11,477	

THE MINES BRANCH

The following table shows the number of men employed in the DOMESTIC Coal Field as at December 31st, 1923:

Districts	BELOW GROUND											ABOVE GROUND											Total Above and Below Ground	
	Officials	Hand-cutters	Machine-cutters and Helpers	Machine-loaders and Helpers	Horse	Mechanical H'ge Emp's	H'ge Emp's	Road-makers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemmen	Firemen	Machinists	Carpenters and Masons	Other Mechanics	All Other Employees	Surface Haulage		Total Above Ground
Lethbridge	56	107	154	542	155	68	25	18	100	10	19	1,254	8	26	126	34	36	22	15	13	134	...	414	1,668
Magrath	...	15	...	...	1	...	...	...	...	...	...	16	...	...	...	...	...	...	...	...	...	...	...	16
Milk River	3	22	...	...	...	...	...	...	...	...	...	25	2	...	1	...	...	...	...	...	...	...	...	28
Taber	9	17	23	63	7	5	1	4	8	1	12	150	7	5	7	5	10	2	2	2	22	1	63	213
Bow Island	1	16	...	...	...	...	...	...	...	...	...	17	...	...	...	...	...	...	...	...	...	...	...	18
Medicine Hat	4	7	5	26	8	...	...	2	3	...	1	56	1	...	8	1	...	...	...	...	1	...	11	67
Aldersyde	4	32	...	...	1	...	...	...	...	...	...	37	1	...	2	...	...	...	...	...	...	...	...	40
Gleichen	3	18	...	...	...	...	...	...	...	...	...	22	...	...	...	2	...	...	...	...	...	...	...	26
Drumheller	52	8	129	555	258	3	6	54	23	2	41	1,131	16	23	108	13	17	5	2	18	49	3	254	1,385
Rosedale	5	10	17	193	36	...	...	...	3	2	20	286	2	7	24	6	4	3	1	4	32	5	88	374
Wayne	17	51	42	288	56	3	4	17	13	2	7	500	6	12	38	7	4	2	3	4	31	...	107	607
Big Valley	3	24	4	65	10	...	...	1	...	...	...	107	3	3	7	4	1	...	1	2	2	...	23	130
Brooks	2	24	...	...	...	...	...	...	...	...	...	26	2	...	...	2	...	...	...	...	...	...	...	30
Hanna	6	61	...	...	...	...	...	...	...	...	...	67	5	1	3	2	...	...	...	...	...	...	...	91
Lacombe	8	49	...	...	...	...	...	...	...	...	...	58	1	...	1	...	...	...	...	...	...	...	...	64
Trochu	6	19	2	6	2	...	...	...	...	...	...	35	3	...	4	2	...	...	...	...	...	...	...	60
Three Hills	4	7	6	50	8	...	...	...	1	1	3	81	2	2	4	2	2	...	1	...	...	...	...	103
Carbon	6	97	13	13	19	8	...	...	8	...	...	169	3	4	21	4	6	5	4	4	15	1	67	236
Battle River	10	68	...	...	1	...	...	...	...	...	2	79	2	...	...	1	...	...	...	...	3	...	...	85
Camrose	4	74	...	...	10	...	...	2	...	...	...	92	7	4	30	2	2	...	...	...	...	...	...	150
Tofield	...	1	...	...	...	...	...	...	...	...	...	1	4	4	56	1	...	...	...	...	12	1	...	58
Clover Bar	15	277	17	110	50	14	5	29	34	12	12	575	5	10	36	13	7	4	4	1	15	...	...	82
Edmonton	9	32	20	121	12	5	4	7	16	4	...	230	5	6	15	3	2	...	...	4	30	2	...	115
Strathcona	5	26	...	...	1	...	...	...	...	...	...	32	1	1	1	2	...	...	...	1	4	6	...	44
Namoo	3	19	...	...	6	...	...	...	...	...	...	29	3	...	...	...	...	...	...	...	...	...	...	36
Cardiff	5	25	6	54	9	...	...	7	1	3	5	115	4	2	8	...	2	2	1	...	3	6	...	39
Wabamun	2	22	4	20	9	2	...	2	1	...	4	66	1	1	9	2	...	1	1	...	5	...	...	34
Pembina	5	...	4	37	...	10	1	4	10	1	...	72	4	4	7	3	3	1	1	6	18	...	...	86
Peace River	...	3	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	119
Total	247	1,131	446	2,143	661	118	46	153	221	39	126	5,331	99	115	520	110	96	48	37	62	431	21	1,539	6,870

The following table shows the number of men employed in the BITUMINOUS Coal Field as at December 31st, 1923:

Districts	BELOW GROUND										ABOVE GROUND										Total Above and Below Ground			
	Officials	Hand-cutters	Machine-cutters	Machine-loaders	Horse Emp's	Mechanical H'ge Emp's	Ventilation Employees	Road-makers	Timbermen	Pumpmen	Other Employees	Total Below Ground	Administration	Foremen and Clerks	Screenmen and Loaders	Enginemen	Firemen	Machinists	Carpenters and Masons	Other Mechanics		All Other Employees	Surface Haulage	Total Above Ground
Crow's Nest Pass	76	1,016	...	...	84	111	45	38	93	12	406	1,881	16	40	67	17	27	28	27	49	199	31	501	2,382
Canmore	16	125	...	...	12	35	6	8	14	2	24	242	2	10	27	4	7	5	6	6	45	...	112	354
Brazeau	18	213	...	...	60	50	6	27	38	...	...	412	2	13	19	3	7	3	4	10	60	3	124	536
Jasper Park	5	37	...	...	2	3	1	2	6	3	...	59	1	22	9	...	2	4	6	5	34	7	90	149
Mountain Park	23	180	...	...	50	9	18	2	25	9	32	348	4	17	40	14	10	5	8	5	55	...	158	506
Total	138	1,571	...	...	208	208	76	77	176	26	462	2,942	25	102	162	38	53	45	51	75	393	41	985	3,927

The following table shows the total number of men employed above and below ground in the DOMESTIC Coal Field by Districts during each month:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Lethbridge...	1,523	1,630	1,485	1,418	1,173	1,205	1,212	1,318	1,336	1,534	1,629	1,668	1,428
Magrath...	20	15	16	4	5	3	7	9	9	10	11	16	10
Milk River...	37	26	24	11	16	14	17	11	15	15	30	28	21
Taber...	107	113	91	89	35	19	80	78	97	159	182	213	105
Bow Island...	28	17	16	12	10	11	12	14	16	18	24	18	16
Medicine Hat...	83	83	43	26	18	11	13	16	54	37	72	67	44
Aldersyde...	30	28	23	14	19	16	20	24	23	33	42	40	26
Gleichen...	66	67	52	17	15	11	13	7	15	22	30	26	28
Drumheller...	1,519	1,199	1,136	807	400	487	477	871	1,187	1,312	1,424	1,385	1,009
Rosedale...	367	357	352	108	53	83	103	194	364	404	402	374	263
Wayne...	583	494	331	214	144	136	202	423	596	636	663	607	419
Big Valley...	91	89	51	47	43	3	54	54	82	98	121	130	72
Brooks...	18	18	17	8	8	7	7	9	12	19	34	30	16
Hanna...	91	56	39	27	18	22	22	30	41	53	94	91	49
Lacombe...	60	56	42	14	9	8	6	16	14	23	47	64	30
Trochu...	108	103	51	10	11	3	6	7	13	31	52	60	38
Three Hills...	119	103	75	34	27	25	33	36	55	83	95	103	66
Carbon...	161	151	83	70	52	52	54	54	84	102	22	236	93
Battle River...	75	66	49	17	7	3	9	6	13	24	84	85	36
Camrose...	167	150	105	35	32	30	49	65	74	103	138	150	91
Tofield...	97	85	62	42	74	83	68	66	88	111	104	83	80
Clover Bar...	633	624	437	405	288	274	375	469	543	571	669	690	498
Edmonton...	247	243	196	145	116	84	88	132	149	217	263	274	179
Strathcona...	36	24	10	6	...	...	...	...	...	5	28	36	21
Nanaimo...	60	31	14	12	11	2	2	7	13	7	34	39	19
Cardiff...	100	123	116	83	60	60	72	82	30	153	159	149	99
Wabamun...	68	69	50	53	55	78	76	64	70	72	86	86	69
Pembina...	178	150	162	154	126	127	132	133	138	136	150	119	142
Peace River...	...	...	...	...	...	...	...	...	...	...	9	3	1
Total	6,672	6,170	5,128	3,882	2,825	2,857	3,209	4,195	5,151	5,991	6,698	6,870	4,968

The following table shows the total number of men employed above and below ground by Districts each month in the SUB-BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Pincher Creek	36	37	25	5	16	8	8	18	19	19	19	26	19
High River....	14	10	8	2	1	3	4	2	4	3	11	10	6
Calgary	12	12	14	6	6	6	6	6	5	.....	.....	.....	8
Saunders	283	226	189	73	54	112	146	117	179	198	134	304	168
Yellowhead ..	532	477	429	256	299	22	328	158	247	344	406	322	343
Total	877	762	665	342	376	451	492	301	454	564	570	662	544

The following table shows the total number of men employed above and below ground by Districts each month in the BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Crow's Nest P.	2,252	2,060	1,714	1,671	1,892	2,029	2,120	2,201	2,060	2,086	2,081	2,382	2,046
Canmore	347	327	309	309	308	308	323	336	322	355	340	354	328
Brazeau	825	824	837	856	891	909	909	818	653	613	560	536	769
Jasper Park ..	649	640	664	680	651	611	527	369	374	329	270	149	492
Mountain Park	774	815	843	852	800	802	822	620	615	587	485	506	710
Total	4,847	4,666	4,367	4,368	4,542	4,659	4,701	4,344	4,024	3,970	3,736	3,927	4,345

PER CAPITA PRODUCTION OF MINES IN THE PROVINCE

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1906	1,385,000	2,800	494	2,000	692
1907	1,834,745	3,600	509	2,700	679
1908	1,845,000	3,780	488	2,681	688
1909	2,174,329	5,207	417	3,893	566
1910	3,036,757	5,818	504	4,090	742
1911	1,694,564	6,689	253	4,517	375
1912	3,446,349	6,661	517	4,861	708
1913	4,306,346	8,068	533	5,837	737
1914	3,821,739	8,170	467	6,052	631
1915	3,434,891	6,445	532	4,493	764
1916	4,648,604	7,570	614	5,536	839
1917	4,863,414	8,310	595	6,047	804
1918	6,148,620	8,818	697	6,141	1,001
1919	5,022,412	7,573	663	5,150	958
1920	6,908,923	9,688	712	6,551	1,055
1921	5,937,195	10,018	592	7,203	824
1922	5,976,432	8,757	683	6,154	971
1923	6,866,923	9,927	687	7,249	893

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	878,611	2,307	380	1,676	524
1911	964,700	3,548	271	2,488	391
1912	1,341,389	2,980	450	2,283	587
1913	1,763,225	4,017	438	2,929	601
1914	1,697,401	4,219	402	3,190	532
1915	1,682,922	3,181	529	2,210	761
1916	2,172,801	4,132	525	3,137	692
1917	2,537,829	4,791	539	3,489	727
1918	3,035,061	4,896	619	3,420	887
1919	2,611,009	4,226	617	2,953	884
1920	3,359,308	5,173	647	3,723	902
1921	2,943,141	5,601	525	4,256	691
1922	3,086,659	4,981	620	3,752	823
1923	3,161,741	4,969	636	3,765	812

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1922	367,514 Stp. Pit 179,550 B.G'd	620	1,624	..... 277	..... 648
1923	288,467 Stp. Pit 174,994 B.G'd	190 354	1,513 494	..... 260	..... 673

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	1,896,961	2,981	636	2,076	914
1911	649,745	2,641	246	1,820	357
1912	1,926,371	3,243	594	2,353	818
1913	2,374,401	3,562	666	2,645	897
1914	1,953,367	3,529	553	2,632	742
1915	1,626,237	2,921	557	2,103	773
1916	2,335,259	3,142	743	2,258	1,034
1917	2,206,868	3,335	661	2,429	909
1918	2,982,334	3,636	820	2,597	1,109
1919	2,325,787	3,118	745	2,100	1,108
1920	3,419,021	4,228	809	2,711	1,202
1921	2,897,380	4,183	701	2,820	1,026
1922	2,214,273	3,034	729	2,084	1,062
1923	3,241,614	4,345	746	3,215	1,008

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL FIELD

Year	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man employed	Average No. of men employed underground	Tons of coal mined per man employed underground
1910	261,785	530	493	338	774
1911	80,119	500	160	209	383
1912	178,589	438	407	225	793
1913	168,720	489	345	263	641
1914	170,971	422	405	230	743
1915	125,732	343	366	180	698
1916	140,544	296	474	141	996
1917	118,717	284	418	129	920
1918	131,225	286	458	124	1,058
1919	85,616	229	374	95	901
1920	130,594	287	455	117	1,116
1921	96,674	284	341	127	761
1922	40,417	112	361	41	986
1923	107	69	1	9	12

The table showing the number of men employed in the Anthracite Coal Field includes employees at the Briquetting plant.

During the year 1909 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1911 a strike affecting all the larger mines in the Province lasted for a period of eight months.

During the year 1917 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1919 a strike affecting all the larger mines in the Province lasted for a period of three months.

During the year 1922 a strike affecting all the larger mines in the Province lasted for a period of five months.

NOTE:—In calculating the total per capita production for men employed underground, the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

PER CAPITA PRODUCTION OF MINES IN THE DOMESTIC COAL FIELD
BY DISTRICTS

Districts	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man em- ployed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Lethbridge	654,215	1,428	458	1,079	606
Magrath	2,863	10	286	10	286
Milk River	6,031	21	287	19	316
Taber	27,772	105	264	71	391
Bow Island	6,331	16	396	15	422
Medicine Hat	22,918	44	521	35	655
Aldersyde	9,321	26	358	24	392
Gleichen	10,465	28	374	21	498
Drumheller	821,465	1,009	814	804	1,022
Rosedale	159,250	263	605	198	804
Wayne	256,653	419	612	333	771
Big Valley	47,795	72	663	58	824
Brooks	8,316	16	519	13	639
Hanna	29,563	49	603	37	799
Lacombe	11,706	30	390	26	450
Trochu	15,490	38	408	25	633
Three Hills	40,606	66	615	49	829
Carbon	50,999	93	548	69	739
Battle River	17,403	36	483	34	512
Camrose	72,656	91	798	61	1,191
Tofield Underground	781	2	390	1	781
Tofield Stripping Pit	104,105	78	1,334	.....	.....
Clover Bar	395,371	498	794	395	1,001
Edmonton	130,112	179	727	147	885
Strathcona	5,361	21	255	19	282
Namoo	13,264	19	698	15	884
Cardiff	72,139	99	729	70	1,030
Wabamun	56,634	69	821	51	1,110
Pembina	111,505	142	785	85	1,312
Peace River	651	2	325	1	651
Total	3,161,741	4,969	636	3,765	812

PER CAPITA PRODUCTION OF MINES IN THE SUB-BITUMINOUS COAL
FIELD BY DISTRICTS

Districts	Gross tons of coal mined	Total average No. of men employed	Tons of coal mined per man em- ployed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Pincher Creek	9,444	19	497	17	555
High River	2,288	6	381	5	457
Calgary	860	8	107	5	172
Saunders	73,295	168	436	123	600
Yellowhead Under- ground	89,107	153	582	110	810
Yellowhead Stpg. Pit	288,467	190	1,513	.....	.....
Total	463,461	544	852	260	557

NOTE:—In calculating the total per capita production for men employed underground the tonnage mined from stripping pits was deducted and only the tonnage produced from mines was used.

PER CAPITA PRODUCTION OF MINES IN THE BITUMINOUS COAL FIELD
BY DISTRICTS

Districts	Gross tons of coal mined	Total aver- age No. of men employed	Tons of coal mined per man employed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Crow's Nest Pass	1,600,656	2,046	782	1,553	1,031
Canmore	264,447	328	806	234	1,130
Brazeau	493,378	769	641	620	796
Jasper Park	248,659	492	505	297	837
Mountain Park	634,474	710	893	511	1,242
Total	3,241,614	4,345	746	3,215	1,008

PER CAPITA PRODUCTION OF MINES IN THE ANTHRACITE COAL
FIELD BY DISTRICTS

District	Gross tons of coal mined	Total aver- age No. of men employed	Tons of coal mined per man employed	Average No. of men em- ployed un- derground	Tons of coal min- ed per man em- ployed un- derground
Banff	107	69	1	9	12

The following table shows the number of days in each month on which DOMESTIC Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Average
Lethbridge ...	17.84	16.20	14.05	11.66	9.57	14.68	13.28	19.46	16.56	20.84	21.95	18.82	194.91
Magrath ...	15.91	12.00	12.66	11.66	11.00	9.00	15.50	18.25	18.80	21.00	21.00	18.20	180.73
Milk River ...	13.50	14.40	12.66	11.66	8.33	12.66	11.14	10.25	16.47	22.14	22.20	19.88	177.70
Taber ...	13.50	13.90	10.88	9.00	6.88	8.00	12.00	12.74	13.20	18.05	18.05	16.27	152.47
Bow Island ...	15.50	12.18	9.70	5.50	5.06	7.50	8.28	11.14	18.68	21.75	20.70	12.44	148.37
Medicine Hat ...	10.62	10.71	7.33	4.25	7.50	2.00	16.00	12.50	15.00	21.80	21.20	13.17	142.08
Aldersyde ...	15.10	14.33	16.22	14.50	14.00	8.28	13.66	18.37	19.00	22.28	24.71	19.75	200.20
Gleichen ...	22.00	20.33	20.33	16.40	14.50	17.66	15.20	19.66	20.00	20.50	19.16	16.00	221.74
Drumheller ...	12.43	18.50	12.58	11.33	16.83	11.33	13.44	14.09	12.30	24.15	20.93	14.21	183.19
Rosedale ...	12.00	14.00	9.00	7.40	7.00	16.50	14.00	17.75	16.00	19.80	21.40	10.60	165.45
Wayne ...	13.00	20.85	10.16	9.00	6.16	11.75	13.85	18.24	18.87	25.00	20.14	12.28	179.30
Big Valley ...	15.85	16.00	11.83	11.00	8.80	10.00	9.60	13.25	18.50	22.60	20.16	16.71	174.30
Brooks ...	18.50	17.40	16.20	11.25	13.33	13.33	12.33	21.66	14.50	22.25	14.80	20.13	195.68
Hanna ...	12.10	19.50	11.46	10.76	10.08	9.61	9.43	13.85	16.33	19.75	22.52	19.28	174.67
Lacombe ...	16.50	13.41	13.61	9.57	10.50	9.75	8.25	10.16	14.80	16.87	19.60	20.58	163.60
Trochu ...	15.10	14.25	11.36	10.40	7.60	26.00	12.25	12.50	11.75	14.62	21.62	14.55	172.00
Three Hills ...	22.20	16.85	12.42	9.57	8.00	9.00	11.75	12.20	21.25	24.00	24.33	17.60	189.17
Carbon ...	20.30	19.44	14.14	12.71	9.00	14.20	19.66	18.00	16.33	25.66	16.00	18.00	193.34
Battle River ...	13.08	15.15	10.47	7.50	4.33	7.00	7.28	11.00	13.57	18.53	21.16	17.33	148.40
Camrose ...	19.33	15.33	12.00	15.00	17.66	11.75	16.33	14.83	15.16	19.22	22.33	17.78	196.72
Tofield ...	18.00	18.30	12.30	13.00	12.00	12.33	10.66	12.00	17.66	24.66	20.66	20.33	191.90
Clover Bar ...	24.40	21.00	18.60	20.16	14.14	12.16	17.14	22.28	19.57	23.83	22.12	18.50	234.16
Edmonton ...	24.20	22.20	20.00	17.60	15.00	10.00	13.00	15.50	19.25	25.50	24.00	23.75	230.00
Srathcona ...	15.00	12.44	15.50	9.00	.....	.....	.....	.....	.....	24.00	20.00	19.14	115.08
Namoo ...	22.00	17.33	9.66	20.00	8.50	.....	21.00	8.00	17.66	25.00	23.50	20.20	192.85
Cardiff ...	23.00	17.33	12.50	12.50	25.00	21.00	14.00	22.00	24.00	23.00	13.00	12.66	219.99
Wabamun ...	26.00	24.00	23.00	23.00	26.00	25.00	16.00	27.00	23.00	27.00	22.00	15.00	277.00
Pembina ...	26.00	22.00	17.00	14.00	23.00	13.00	17.00	14.00	15.00	25.00	16.00	17.00	219.00
Peace River ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24.00	13.00	37.00
Average ...	17.61	16.76	13.49	11.17	11.84	12.44	13.41	15.58	17.19	22.10	20.66	17.01	189.26

The following table shows the number of days in each month on which SUB-BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Pincher Creek	17.85	17.85	17.00	6.50	3.00	12.00	13.75	10.33	14.66	13.75	21.00	14.75	162.44
High River	25.00	15.75	15.00	13.00	5.00	9.50	11.00	10.50	8.50	27.00	20.66	23.66	184.57
Calgary	18.00	10.50	11.50	19.00	20.00	20.00	20.00	20.00	10.00	.....	.....	.....	149.00
Saunders	21.00	19.70	13.00	14.50	12.00	17.00	25.00	27.00	22.66	25.00	19.50	9.00	225.36
Yellowhead	16.50	13.77	10.75	11.16	14.58	10.58	8.28	19.50	12.07	12.50	16.04	15.69	161.42
Average	19.67	15.51	13.45	12.83	10.91	13.82	15.60	17.47	13.58	19.56	19.30	15.77	187.47

The following table shows the number of days in each month on which BITUMINOUS Coal was drawn:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
Crow's Nest P.	25.71	20.21	10.50	12.28	21.58	14.83	23.28	24.00	14.66	14.83	11.16	20.66	213.70
Canmore	26.00	17.00	17.00	15.00	24.00	11.00	21.00	27.00	16.00	19.50	15.50	21.00	230.00
Brazeau	26.00	13.50	21.00	21.00	20.00	22.00	23.00	23.00	8.50	10.00	9.00	7.50	204.50
Jasper Park	22.00	20.00	24.00	22.00	22.00	25.00	23.00	23.00	24.00	18.00	16.00	16.00	255.00
Mountain Park	25.83	21.30	23.30	23.33	22.88	22.50	25.00	22.00	21.83	16.50	16.33	17.66	258.46
Average	25.11	20.40	19.16	18.72	22.09	19.66	23.05	23.80	17.20	15.77	13.59	16.56	235.11

The following table gives the average hours worked per week each month in Districts in the DOMESTIC Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lethbridge	32.94	32.40	25.92	22.62	17.64	25.20	25.50	34.56	33.12	37.08	42.12	34.74
Magrath	21.48	24.00	23.34	22.62	20.28	16.62	29.76	32.46	37.62	37.32	40.32	33.60
Milk River	29.34	28.80	23.34	22.62	15.36	23.34	19.36	18.24	32.94	39.36	42.60	36.66
Taber	24.90	27.78	20.10	17.28	12.66	14.76	23.04	22.68	26.40	32.10	44.68	30.06
Bow Island	28.62	42.36	17.88	10.56	9.24	13.86	15.90	22.02	37.38	38.64	39.72	22.98
Medicine Hat	19.62	21.42	13.50	9.16	13.86	3.66	30.72	22.20	30.00	38.76	40.68	24.30
Aldersyde	27.84	28.92	29.94	27.04	25.86	15.24	26.22	32.64	37.98	39.60	47.46	36.48
Gleichen	40.62	40.62	37.50	31.50	26.76	32.58	29.16	34.98	39.96	36.42	36.78	29.52
Drumheller	22.92	37.02	23.22	23.82	31.08	20.70	25.80	25.02	24.60	42.90	40.14	26.22
Rosedale	22.14	25.50	16.62	14.22	12.90	30.48	26.88	31.56	31.88	35.22	41.10	19.56
Wayne	24.00	41.70	18.78	13.44	11.34	21.66	26.58	32.40	37.74	44.46	38.64	22.68
Big Valley	29.28	31.98	21.84	21.12	16.26	18.48	18.42	23.58	37.02	40.14	38.70	30.84
Brooks	34.14	34.62	29.88	21.60	24.60	24.60	23.64	38.52	28.98	39.54	28.32	37.14
Hanna	22.32	39.00	21.12	20.64	18.60	13.98	18.12	24.60	32.64	35.10	43.26	35.58
Lacombe	25.86	26.82	25.14	18.36	19.38	18.00	15.84	18.06	29.58	32.22	37.62	37.98
Trochu	27.84	28.50	20.94	19.98	14.04	48.00	23.52	22.20	23.46	25.98	41.52	26.88
Three Hills	40.98	33.72	22.92	18.36	14.76	16.62	22.56	21.72	42.48	42.66	46.74	32.46
Carbon	37.44	38.88	26.10	22.44	16.62	26.22	37.74	31.98	32.64	45.78	30.72	33.24
Battle River	27.84	30.30	19.32	14.40	7.98	12.90	13.98	19.56	27.12	32.94	40.62	31.98
Camrose	35.70	30.66	22.14	24.56	32.58	21.66	31.32	26.34	30.30	34.14	42.90	32.82
Tofield	33.24	36.60	22.68	24.96	22.74	22.74	20.46	21.30	35.34	43.86	30.06	37.50
Clover Bar	45.06	42.00	34.32	38.70	26.10	22.44	32.88	39.60	41.12	42.42	42.48	34.14
Edmonton	42.84	44.40	36.90	33.78	27.72	18.48	24.96	27.54	38.52	45.30	46.08	43.86
Strathcona	27.72	24.90	28.62	17.28	.....	.....	.....	.....	.....	42.66	38.40	35.34
Namoo	40.62	34.62	17.82	38.40	15.72	.....	40.32	14.22	35.34	44.46	45.12	37.26
Cardiff	42.48	34.62	23.04	24.00	46.14	38.76	26.88	39.12	48.00	40.86	24.96	23.34
Wabamun	48.00	48.00	42.48	44.16	48.00	46.14	30.72	48.00	40.86	48.00	42.24	27.66
Fernina	48.00	43.98	31.38	26.88	42.48	24.00	32.64	24.90	27.54	44.46	30.72	31.38
Peace River .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	46.08	24.00
Average	32.50	33.48	24.90	21.42	21.84	22.98	25.74	27.72	34.38	39.30	30.06	31.38

The following table shows the average hours worked per week each month in districts in the SUB-BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pincher Creek	32.94	35.70	31.38	12.48	5.52	22.14	26.40	18.36	26.82	24.48	40.32	27.18
High River	46.14	31.50	27.66	24.96	9.24	17.52	21.12	18.66	16.98	48.00	37.26	43.68
Calgary	33.24	21.00	21.18	36.48	36.90	36.90	38.40	35.58	19.98	.....	.....	.....
Saunders	38.76	39.42	24.00	27.84	22.14	31.38	48.00	48.00	45.36	40.46	37.44	16.62
Yellowhead	30.42	27.54	19.86	21.42	26.88	19.50	15.90	34.68	24.12	22.44	30.78	28.98
Average	36.30	31.02	24.84	24.60	20.10	25.50	29.94	31.08	27.18	34.74	37.02	29.10

The following table shows the average hours worked per week each month in Districts in the BITUMINOUS Coal Field:

Districts	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Crow's Nest Pass	47.46	40.38	19.38	23.58	39.84	27.36	44.70	42.66	29.34	24.60	21.42	38.10
Canmore	48.00	33.96	31.38	28.80	44.28	20.28	40.32	48.00	31.98	34.68	29.76	38.76
Brazeau	48.00	27.00	38.76	40.32	36.90	41.04	44.16	40.86	16.98	17.76	17.28	13.86
Jasper Park	40.62	39.96	44.28	42.24	41.04	46.14	44.16	40.86	48.00	31.98	30.72	29.52
Mountain Park	47.64	42.60	43.02	44.76	42.24	41.52	48.00	39.12	43.68	27.12	31.32	32.58
Average	46.32	40.80	35.34	35.94	40.74	36.30	44.22	42.30	34.38	28.02	26.10	30.54

The following table shows the amount of Mine Timber used during the year:

DOMESTIC COAL FIELD

Districts	Round timber in lineal ft.	Square timber in square ft. B.M.	Ties in feet	Cord-wood in cords	Lagging	Slabs in cords
Lethbridge . . .	3,198,490	1,653,071	113,643	773	.....	66½
Magrath	20,273	.....	.....	.....	.....	.....
Milk River . . .	30,053	.....	.....	.....	.....	.....
Taber	76,078	3,861	4,396	.....	.....	.....
Bow Island . . .	17,853	1,200	.....	.....	.....	.....
Medicine Hat . .	49,430	6,300	6,000	.....	.....	.....
Aldersyde	31,334	4,600	.....	.....	.....	.....
Gleichen	18,792	1,472	.....	.....	.....	14
Drumheller . . .	1,729,384	.....	7,155	.....	.....	.....
Rosedale	414,965	.....	31,615	.....	.....	.....
Wayne	692,016	.....	22,500	.....	.....	.....
Big Valley	168,440	667	.....	.....	.....	.....
Brooks	43,502	1,000	.....	.....	.....	.....
Hanna	92,265	4,500	250	.....	300	.....
Lacombe	31,049	.....	.....	.....	.....	.....
Trochu	23,255	450	.....	.....	.....	.....
Three Hills . . .	56,933	.....	.....	.....	.....	.....
Carbon	55,760	3,500	.....	.....	.....	.....
Battle River . . .	50,888	1,600	1,000	.....	.....	.....
Camrose	221,521	.....	.....	.....	.....	.....
Tofield	5,680	.....	.....	.....	.....	.....
Clover Bar	1,473,736	3,225	.....	.....	.....	.....
Edmonton	395,326	.....	.....	.....	.....	80
Strathcona	41,352	.....	.....	.....	.....	.....
Namoo	74,240	.....	.....	.....	.....	.....
Cardiff	121,519	.....	.....	.....	.....	.....
Wabamun	87,599	.....	.....	.....	.....	.....
Pembina	215,479	11,460	48,460	.....	.....	.....
Peace River . . .	2,500	.....	.....	.....	.....	.....
Total	9,439,712	1,696,906	235,019	773	300	160½

The following table shows the amount of Mine Timber used during the year:

SUB-BITUMINOUS COAL FIELD

Districts	Round timber in lineal feet	Square timber in square feet B.M.	Ties in feet	Cord-wood in cords	Lagging	Slabs in cords
Pincher Creek . .	12,866	.....	.....	.....	.....	.....
High River	2,598	.....	.....	.....	.....	.....
Calgary	1,112	.....	.....	.....	.....	.....
Saunders	169,182	.....	.....	.....	3,500	.....
Yellowhead	122,079	.....	290	.....	700	.....
Total	307,837	.....	290	.....	4,200	.....

The following table shows the amount of Mine Timber used during the year :

BITUMINOUS COAL FIELD

Districts	Round timber in lineal feet	Square timber in square feet B.M.	Ties in feet	Cord- wood in cords	Lagging	Slabs in cords
Crow's Nest Pass	2,933,334	571,643	.....	.....	169,188	.....
Canmore	474,000	.....	.....	.....	240,000	.....
Brazeau	2,367,247	.....	.....	.....	.....	.....
Jasper Park.	628,350	.....	.....	.....	350,200	.....
Mountain Park.	1,028,426	.....	28,450	.....	85,042	1,809
Total	7,431,357	571,643	28,450	.....	844,430	1,809

PARTICULARS OF LAMPS USED IN MINES IN THE DOMESTIC COAL FIELD

	1919	1920	1921	1922	1923
Portable Electric Lamps, Edison Type	180	940	1,063	1,000	807
Portable Electric Lamps, Ceag Type	35	35	35	35	35
Portable Electric Lamps, Wico Type	550	500	500	500	500
Safety Lamps, Wolfe Flame Type	670	495	524	421	125
Safety Lamps, Koehler Flame Type . . . . .	.....	.....	.....	.....	3
Open Light, Carbide Type	3,972	3,422	3,557	3,320	3,861
Total	5,407	5,392	5,686	5,276	5,331

PARTICULARS OF LAMPS USED IN MINES IN THE SUB-BITUMINOUS COAL FIELD

	1919	1920	1921	1922	1923
Safety Lamps, Wolfe Flame Type . . . . .	.....	.....	.....	54	78
Open Lights	449	273	252	223	325
Total	149	273	252	277	403

PARTICULARS OF LAMPS USED IN MINES IN THE BITUMINOUS COAL FIELD

	1919	1920	1921	1922	1923
Portable Electric Lamps, Edison Type	2,192	2,214	2,612	2,849	3,545
Portable Electric Lamps, Oldham Type . . . .	.....	.....	.....	9	47
Portable Electric Lamps, General Electric Type . . . . .	.....	71	71	71	.....
Safety Lamps, Wolfe Flame Type	1,404	1,441	1,301	1,218	1,186
Total	3,596	3,726	3,984	4,147	5,778

PARTICULARS OF LAMPS USED IN MINES IN THE ANTHRACITE COAL FIELD

	1919	1920	1921	1922	1923
Safety Lamps, Wolfe Flame Type	350	361	250	250	9

THE MINES BRANCH

EXPLOSIVES

The following table shows the quantity of Explosives used in pounds for blasting coal in the DOMESTIC Coal Field:

Districts	Name of Explosive										Total	
	Blk. Pdr.	Coalite "E."	Miners' Friend 9	Monobel No. 2	Monobel No. 3	Monobel No. 4	Dynobel No. 4	Stpg. Pdr.	30% Dyna- mite	40% Dyna- mite		60% Dyna- mite
Lethbridge	72,194	.....	.....	.....	.....	20,248	314	.....	3,750	.....	.....	96,506
Magrath	1,485	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,485
Milk River	6,650	.....	.....	.....	.....	325	.....	.....	.....	.....	.....	6,975
Taber	9,300	.....	.....	.....	200	.....	.....	.....	.....	95	100	9,695
Bow Island	5,690	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,690
Medicine Hat	12,465	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12,622
Aldersyde	3,575	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3,575
Gleichen	4,464	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,464
Drumheller	159,975	150	2,975	.....	4,000	.....	.....	.....	.....	802	.....	167,100
Rosedale	40,360	.....	.....	.....	43	.....	.....	.....	.....	.....	.....	41,162
Wayne	96,850	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	96,893
Big Valley	8,335	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8,335
Brooks	9,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,000
Hanna	11,805	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11,805
Lacombe	4,207	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4,207
Trochu	5,005	.....	.....	.....	70	.....	.....	.....	.....	.....	.....	5,075
Three Hills	26,361	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	26,361
Carbon	10,060	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10,060
Battle River	2,805	.....	.....	.....	20	.....	.....	.....	.....	.....	.....	2,825
Camrose	875	.....	.....	.....	.....	300	.....	15	.....	.....	.....	1,190
Tofield	13,050	.....	.....	.....	.....	.....	.....	400	.....	3,150	.....	16,600
Clover Bar	87,853	525	11,819	.....	.....	2,218	.....	6,600	.....	.....	.....	109,015
Edmonton	7,120	1,100	950	.....	.....	40,350	2,500	6,853	.....	.....	.....	58,873
Strathcona	1,253	.....	50	300	.....	.....	.....	.....	.....	.....	.....	1,603
Namoo	900	.....	.....	2,200	.....	.....	.....	.....	.....	.....	.....	3,100
Cardiff	7,525	2,550	1,257	.....	.....	.....	.....	10	.....	.....	.....	11,342
Wabamun	.....	.....	600	1,900	.....	.....	.....	.....	.....	.....	.....	2,500
Pembina	.....	1,800	.....	.....	.....	9,905	.....	.....	.....	.....	.....	11,705
Peace River	120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	120
Total	609,282	6,125	17,651	4,400	4,333	73,346	2,814	13,878	3,750	4,204	100	739,883

The following table shows the number of tons of DOMESTIC Coal produced per pound of explosive used for blasting coal:

District	Number of tons mined.	Number of pounds of explosives used.	Tons of coal mined per pound of explosive used
Lethbridge	654,215	96,506	6.8
Magrath	2,863	1,485	1.9
Milk River	6,031	6,975	.9
Taber	27,772	9,695	2.8
Bow Island	6,331	5,690	1.1
Medicine Hat	22,918	12,622	1.8
Aldersyde	9,321	3,575	2.6
Gleichen	10,465	4,464	2.3
Drumheller	821,465	167,100	4.9
Rosedale	159,250	41,162	3.8
Wayne	256,653	96,893	2.6
Big Valley	47,795	8,335	5.7
Brooks	8,316	9,000	.9
Hanna	29,563	11,805	2.6
Lacombe	11,706	4,207	2.8
Trochu	15,490	5,075	3.1
Three Hills	40,606	26,361	1.5
Carbon	50,999	10,060	5.1
Battle River	17,403	2,825	6.1
Camrose	72,656	1,190	61.0
Tofield	104,886	16,600	6.3
Clover Bar	395,371	109,015	3.6
Edmonton	130,112	58,873	2.2
Strathcona	5,361	1,603	3.3
Namoo	13,264	3,100	4.2
Cardiff	72,139	11,342	6.3
Wabamun	56,634	2,500	22.6
Pembina	111,505	11,700	9.5
Peace River	651	120	5.4
Total	3,161,741	739,883	4.3

The following table shows the number of tons of SUB-BITUMINOUS Coal produced per pound of explosive used for blasting coal:

Districts	Number of tons mined.	Number of pounds of explosives used.	Tons of coal mined per pound of explosive used
Pincher Creek	9,444	3,766	2.5
High River	2,288	350	6.4
Calgary	860	300	2.8
Saunders	73,295	27,930	2.6
Yellowhead	377,574	63,437	5.9
Total	463,461	95,783	4.8

The following table shows the number of tons of BITUMINOUS Coal produced per pound of explosive used for blasting coal:

Districts	Number of tons mined	Number of pounds of explosives used.	Tons of coal mined per pound of explosive used.
Crow's Nest Pass.....	1,600,656	172,962	9.2
Canmore	264,447	58,000	4.5
Brazeau	493,378	13,350	36.9
Jasper Park	248,659	591	420.7
Mountain Park	634,474	60,987	10.4
Total	3,241,614	305,890	10.6

Estimated number of shots fired for blasting coal in the DOMESTIC Coal Field:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Lethbridge	41,191	40,000	2,360	33,229	116,780
Magrath				2,920	2,920
Milk River	25		1,220	7,365	8,610
Taber			4,000	5,940	9,940
Bow Island				7,729	7,729
Medicine Hat			139	32,815	32,954
Aldersyde				8,350	8,350
Gleichen			4,980		4,980
Drumheller	8,873		172,115		180,988
Rosedale	1,056		32,356		33,412
Wayne			74,745		74,745
Big Valley			8,137		8,137
Brooks			130	6,020	6,150
Hanna			9,437	905	10,342
Lacombe			2,647	1,528	4,175
Trochu			3,287	3,100	6,387
Three Hills			18,753	600	19,353
Carbon			8,905	2,035	10,940
Battle River			1,717	150	1,867
Camrose		350	1,600		1,950
Tofield			12,733		12,733
Clover Bar	5,288	9,959	64,475		79,722
Edmonton	115,000		16,030		131,030
Strathcona			3,300		3,300
Namoo			4,100		4,100
Cardiff			6,950		6,950
Wabamun			3,750		3,750
Pembina	12,852				12,852
Peace River			150		150
Total	184,285	50,309	458,016	112,686	805,296

Estimated number of shots fired for blasting coal in the SUB-BITUMINOUS Coal Field:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Pincher Creek	3,110		5,216	716	9,042
High River	249		325		574
Calgary			300		300
Saunders	230		30,050		30,280
Yellowhead	25,704				25,704
Total	29,293		35,891	716	65,900

Estimated number of shots fired for blasting coal in the
BITUMINOUS Coal Field:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass...	166,698	.....	.....	.....	166,698
Canmore	81,000	.....	.....	.....	81,000
Brazeau	14,839	.....	.....	.....	14,839
Jasper Park	603	.....	.....	.....	603
Mountain Park	88,516	.....	.....	.....	88,516
Total	351,656	.....	.....	.....	351,656

Number of Miss-fire Shots recorded in blasting coal in the Province:
DOMESTIC COAL FIELD

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Lethbridge	19	262	3	28	312
Magrath				2	2
Milk River	2		2	10	14
Taber			5	35	40
Bow Island				124	124
Medicine Hat				8	8
Aldersyde				16	16
Gleichen				17	17
Drumheller	38		90		128
Rosedale			26		26
Wayne			96		96
Big Valley			29		29
Brooks					
Hanna			18	9	27
Lacombe			37	3	40
Trochu			28	13	41
Three Hills			6	6	12
Carbon			40	7	47
Battle River			1		1
Camrose			20		20
Tofield					
Clover Bar	12		55		67
Edmonton	2		40		42
Strathcona			33		33
Namoo			7		7
Cardiff			7		7
Wabamun			1		1
Pembina	2				2
Peace River			6		6
Total	75	262	550	278	1,165

Number of Miss-fire Shots recorded in blasting coal in the Province:
SUB-BITUMINOUS COAL FIELD

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Pincher Creek	33				33
High River	7		2		9
Calgary			3		3
Saunders			34		34
Yellowhead	35				35
Total	75		39		114

Number of Miss-fire Shots recorded in blasting coal in the Province:
 BITUMINOUS COAL FIELD

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass...	220	.....	.....	.....	220
Canmore	31	.....	.....	.....	31
Brazeau	48	.....	.....	.....	48
Jasper Park	4	.....	.....	.....	4
Mountain Park	53	.....	.....	.....	53
Total	356	.....	.....	.....	356

Estimated number of shots fired for blasting rock in Coal Mines in the Province:

Districts	Electric Detonator	Electric Squib	Fuse	Squib	Total
Crow's Nest Pass...	22,764	.....	.....	.....	22,764
Pincher Creek	160	.....	108	.....	268
Lethbridge	1,230	.....	150	.....	1,380
Magrath .....	.....	.....	.....	10	10
Milk River .....	.....	.....	.....	.....	.....
Taber	10	.....	917	.....	927
Bow Island .....	.....	.....	.....	920	920
Medicine Hat .....	.....	.....	6	200	206
Aldersyde .....	.....	.....	25	50	75
High River .....	.....	.....	.....	.....	.....
Calgary .....	.....	.....	.....	.....	.....
Canmore	12,500	.....	.....	.....	12,500
Banff .....	.....	.....	.....	.....	.....
Gleichen .....	.....	.....	230	.....	230
Drumheller	2,760	.....	8,142	.....	10,902
Rosedale .....	.....	.....	200	.....	200
Wayne	10	.....	1,405	.....	1,415
Big Valley .....	.....	.....	.....	.....	.....
Saunders .....	.....	.....	91	.....	91
Brazeau	1,461	.....	.....	.....	1,461
Brooks .....	.....	.....	36	.....	36
Hanna .....	.....	.....	.....	.....	.....
Lacombe .....	.....	.....	19	.....	19
Trochu .....	.....	.....	207	.....	207
Three Hills .....	.....	.....	260	.....	260
Carbon .....	.....	.....	200	.....	200
Battle River .....	.....	.....	13	.....	13
Camrose .....	.....	.....	.....	.....	.....
Tofield .....	.....	.....	.....	.....	.....
Clover Bar .....	.....	.....	90	.....	90
Edmonton .....	.....	.....	1,440	.....	1,440
Strathcona .....	.....	.....	72	.....	72
Namoo	125	.....	.....	.....	125
Cardiff .....	.....	.....	.....	.....	.....
Wabamun .....	.....	.....	.....	.....	.....
Pembina .....	.....	.....	.....	.....	.....
Jasper Park	3,064	.....	.....	.....	3,064
Yellowhead	1,020	.....	2,500	.....	3,520
Mountain Park	15,609	.....	.....	.....	15,609
Peace River .....	.....	.....	.....	.....	.....
Total	60,713	.....	16,111	1,180	78,004

The following table gives the number of Miss-fire Shots recorded in blasting rock in Coal Mines in the Province:

Districts	Electric Detonator	Electric Squib	Fuse |	Squib	Total
Crow's Nest Pass...	16	.....	.....	.....	16
Pincher Creek
Lethbridge	6	.....	.....	.....	6
Magrath
Milk River
Taber	5	.....	5
Bow Island
Medicine Hat
Aldersyde
High River
Calgary
Canmore	10	.....	.....	.....	10
Banff
Gleichen	7	.....	7
Drumheller	15	.....	.....	.....	15
Rosedale
Wayne	12	.....	12
Big Valley
Saunders
Brazeau
Brooks	2	.....	2
Hanna
Lacombe
Trochu	1	.....	1
Three Hills	2	.....	2
Carbon
Battle River	1	.....	1
Camrose
Tofield
Clover Bar
Edmonton
Strathcona	1	.....	1
Namoo
Cardiff
Wabamun
Pembina
Jasper Park	14	.....	.....	.....	14
Yellowhead	1	.....	.....	.....	1
Mountain Park	34	.....	.....	.....	34
Peace River
Total	96	.....	31	.....	127

ELECTRICITY

The Rules for the Installation and Use of Electricity in or about Mines require a return to be made to the Department on or before January 15th of each year, giving size, type, and any other particulars which may be required of electrical apparatus in use above and below ground. According to the returns received from the different mines, electricity was used in 61 different mines in 1923. A summary of these returns regarding the horse-power of electrical apparatus in use is given below:

Districts	No. of Mines using Electricity	Horse-Power of Electrical Apparatus in use.		Total Horse-Power
		Above Ground	Below Ground	
Crow's Nest Pass	5	5,309½	1,200	6,509½
Pincher Creek .....	..	..	..	..
Lethbridge	5	964	490	1,454
Magrath .....	..	..	..	..
Milk River .....	..	..	..	..
Taber	3	255	200	455
Bow Island .....	..	..	..	..
Medicine Hat	1	30	90	120
Aldersyde .....	..	..	..	..
High River .....	..	..	..	..
Calgary .....	..	..	..	..
Canmore	1	740	100	840
Banff	1	215	..	215
Gleichen .....	..	..	..	..
Drumheller	11	984½	1,069	2,053½
Rosedale	3	115	350	465
Wayne	8	444½	321	765½
Big Valley	2	25¾	72	97¾
Saunders	4	12	..	12
Brazeau	1	452	80	532
Brooks .....	..	..	..	..
Hanna .....	..	..	..	..
Lacombe .....	..	..	..	..
Trochu .....	..	..	..	..
Three Hills .....	..	..	..	..
Carbon	1	..	30	30
Battle River .....	..	..	..	..
Camrose	1	5	10½	15½
Tofield .....	..	..	..	..
Clover Bar	4	134	194½	328½
Edmonton	4	249	137½	386½
Strathcona .....	..	..	..	..
Namoo .....	..	..	..	..
Cardiff	1	..	90	90
Wabamun	1	45	52	97
Pembina	1	132	411¼	543¼
Jasper Park	1	225	..	225
Yellowhead	2	149	..	149
Mountain Park	3	117½	140	257½
Peace River .....	..	..	..	..
Total	61	10,603¾	5,037¾	15,641½

A closer estimate of the extent to which electricity is used in the different districts may be made by considering the number of tons of coal raised per electrical horse-power employed in all mines under *The Mines Act*. The following table will give this information:

TONS OF COAL PER ELECTRICAL HORSE-POWER EMPLOYED

Districts	Tons of Coal mined in 1923	Above Ground	Below Ground	Total Above and Below Ground
Crow's Nest Pass.....	1,600,656	301	1,334	234
Pincher Creek	9,444	.....	.....	.....
Lethbridge	654,215	678	1,335	450
Magrath	2,863	.....	.....	.....
Milk River	6,031	.....	.....	.....
Taber	27,772	109	138	61
Bow Island	6,331	.....	.....	.....
Medicine Hat	22,918	763	255	189
Aldersyde	9,321	.....	.....	.....
High River	2,288	.....	.....	.....
Calgary	860	.....	.....	.....
Canmore	264,447	357	2,644	315
Banff	107	.....	.....	.....
Gleichen	10,465	.....	.....	.....
Drumheller	821,465	834	768	401
Rosedale	159,250	1,385	455	342
Wayne	256,653	577	799	335
Big Valley	47,795	1,856	664	489
Saunders	73,295	6,108	.....	6,108
Brazeau	493,378	1,091	6,167	927
Brooks	8,316	.....	.....	.....
Hanna	29,563	.....	.....	.....
Lacombe	11,706	.....	.....	.....
Trochu	15,490	.....	.....	.....
Three Hills	40,606	.....	.....	.....
Carbon	50,999	.....	1,666	1,666
Battle River	17,403	.....	.....	.....
Camrose	72,656	14,531	6,919	4,687
Tofield	104,886	.....	.....	.....
Clover Bar	395,371	2,943	2,033	1,203
Edmonton	130,112	522	946	337
Strathcona	5,361	.....	.....	.....
Namoo	13,264	.....	.....	.....
Cardiff	72,139	.....	801	801
Wabamun	56,634	1,258	1,089	584
Pembina	111,505	845	295	205
Jasper Park	248,659	1,105	.....	1,105
Yellowhead	377,574	2,534	.....	2,534
Mountain Park	634,474	5,399	4,532	2,503
Peace River	651	.....	.....	.....

This table is useful to show, by comparison with other years, the growth or decline in the use of electricity in the Province as a whole, and in each district taken separately.

The number of electrically-driven coal-cutting machines in use at the end of the year was seventy-six.

COAL-CUTTING MACHINERY

Districts	No. of coal-cutting machines operated by		Tons of Coal mined by	
	Electricity.	Compressed Air	Electricity	Compressed Air
Crow's Nest Pass.....	.....	.....	.....	.....
Pincher Creek.....	.....	.....	.....	.....
Lethbridge.....	.....	104	.....	512,473
Magrath.....	.....	.....	.....	.....
Milk River.....	.....	.....	.....	.....
Taber.....	1	15	4,697	13,117
Bow Island.....	.....	.....	.....	.....
Medicine Hat.....	3	3	12,665	7,034
Aldersyde.....	.....	.....	.....	.....
High River.....	.....	.....	.....	.....
Calgary.....	.....	.....	.....	.....
Canmore.....	.....	.....	.....	.....
Banff.....	.....	.....	.....	.....
Gleichen.....	.....	1	.....	2,000
Drumheller.....	34	10	734,544	48,200
Rosedale.....	10	.....	109,491	.....
Wayne.....	9	4	243,480	45,000
Big Valley.....	2	.....	42,509	.....
Saunders.....	.....	15	.....	76,034
Brazeau.....	.....	.....	.....	.....
Brooks.....	.....	.....	.....	.....
Hanna.....	.....	.....	.....	.....
Lacombe.....	.....	.....	.....	.....
Trochu.....	.....	2	.....	2,918
Three Hills.....	.....	2	.....	16,000
Carbon.....	1	3	6,500	12,500
Battle River.....	.....	.....	.....	.....
Camrose.....	.....	.....	.....	.....
Tofield.....	.....	.....	.....	.....
Clover Bar.....	4	7	76,838	65,155
Edmonton.....	3	2	78,000	10,940
Strathcona.....	.....	.....	.....	.....
Namoo.....	.....	.....	.....	.....
Cardiff.....	3	.....	57,416	.....
Wabamun.....	2	.....	24,000	.....
Pembina.....	4	.....	111,373	.....
Jasper Park.....	.....	.....	.....	.....
Yellowhead.....	.....	.....	.....	.....
Mountain Park.....	.....	.....	.....	.....
Peace River.....	.....	.....	.....	.....
Total.....	76	168	1,501,513	811,371

ACCIDENTS

Summary table showing accidents occurring in Mines during 1906 to 1923 inclusive:

Year	Output	Accidents			Tons of Coal mined per accident		
		Fatal	Seri-ous	Slight	Fatal	Serious	Slight
1906	1,385,000	10	11	20	138,500	125,909	60,250
1907	1,834,745	19	18	68	96,565	101,930	26,981
1908	1,845,000	11	38	13	167,727	48,552	141,923
1909	2,174,329	9	42	18	241,952	51,769	120,796
1910	3,036,757	* 61	41	58	49,782	71,067	52,375
1911	1,694,564	7	32	45	242,080	52,955	37,656
1912	3,446,349	21	38	58	164,111	90,693	59,419
1913	4,306,346	28	60	83	152,789	71,772	51,883
1914	3,821,739	†209	44	50	18,286	86,857	76,434
1915	3,434,891	18	33	33	190,827	104,087	104,087
1916	4,648,604	20	51	34	232,430	91,149	136,723
1917	4,863,414	24	62	39	202,642	78,442	124,703
1918	6,148,620	22	60	77	279,483	102,477	79,860
1919	5,022,412	21	56	54	239,162	89,685	93,008
1920	6,908,923	29	53	38	238,733	130,371	181,814
1921	5,937,195	21	64	25	282,721	92,769	237,488
1922	5,976,432	35	38	35	170,755	157,274	170,755
1923	6,866,923	22	44	10	312,133	156,066	686,692
Total	73,352,243	587	785	658	124,961	93,442	111,462

* Including thirty-one deaths caused by the Bellevue Explosion.

† Including one hundred and eighty-nine deaths caused by the Hillcrest explosion.

Table showing accidents during 1923, classified according to the Coal Field in which they occurred:

	Output	Accidents			Tons of Coal mined per accident		
		Fatal	Seri-ous	Slight	Fatal	Serious	Slight
Domestic	3,101,741	8	15	4	387,717	206,783	775,435
Sub-Bituminous	463,461	...	2	1	.....	231,235	463,461
Bituminous	3,241,614	14	27	5	231,544	120,059	648,323
Anthracite	107	...	...	...	.....	.....	.....

Classification of accidents according to outputs of Mines which produced during the year 1923:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	From 300,000 to 400,000 tons	Over 400,000 tons	Total
Fatal.....	1	2	4	2	10	..	3	22
Serious.....	6	2	4	4	13	4	11	44
Slight.....	2	..	1	2	3	1	1	10
Total.....	9	4	9	8	26	5	15	76

Table showing number of tons of Coal extracted per accident in Mines which produced during 1923:

	Under 10,000 tons	From 10,000 to 50,000 tons	From 50,000 to 100,000 tons	From 100,000 to 200,000 tons	From 200,000 to 300,000 tons	From 300,000 to 400,000 tons	Over 400,000 tons	Total
Fatal.....	311,499	290,499	347,064	666,045	163,121	.....	306,913	312,133
Serious.....	51,916	290,499	347,064	333,022	125,477	175,557	83,704	156,066
Slight.....	155,799	.....	1,388,256	666,045	543,736	702,228	920,741	686,692
Total.....	34,611	145,225	154,139	166,511	62,739	140,445	61,383	90,355

The following table shows the number of tons produced per accident:

DOMESTIC COAL MINES

Districts	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Lethbridge	654,215	1,428	.....	327,107	327,107	163,554
Magrath	2,863	10	.....	.....	.....	.....
Milk River	6,031	21	.....	.....	.....	.....
Taber	27,772	105	.....	.....	.....	.....
Bow Island	6,331	16	.....	.....	.....	.....
Medicine Hat	22,918	44	.....	22,918	.....	22,918
Aldersyde	9,321	26	.....	.....	.....	.....
Gleichen	10,465	28	.....	.....	.....	.....
Drumheller	821,465	1,009	821,465	410,732	.....	273,822
Rosedale	159,250	263	.....	79,625	.....	79,625
Wayne	256,653	419	256,653	.....	.....	256,653
Big Valley	47,795	72	.....	.....	.....	.....
Brooks	8,316	16	.....	.....	.....	.....
Hanna	29,563	49	.....	.....	.....	.....
Lacombe	11,706	30	.....	11,706	.....	11,706
Trochu	15,490	38	.....	15,490	.....	15,490
Three Hills	40,606	66	.....	40,606	.....	40,606
Carbon	50,999	93	50,999	.....	.....	50,999
Battle River	17,403	36	.....	8,701	.....	8,701
Camrose	72,656	91	.....	.....	.....	.....
Tofield	104,886	80	104,886	.....	.....	104,886
Clover Bar	395,371	498	.....	131,790	395,371	98,843
Edmonton	130,112	179	130,112	.....	.....	130,112
Strathcona	5,361	21	.....	5,361	.....	5,361
Namoo	13,264	19	.....	.....	.....	.....
Cardiff	72,139	99	.....	.....	.....	.....
Wabamun	56,634	69	56,634	56,634	56,634	18,878
Pembina	111,505	142	.....	.....	.....	.....
Peace River	651	2	.....	.....	.....	.....
Total	3,161,741	4,969	387,717	210,783	775,435	117,101

The following table shows the number of tons produced per accident:

SUB-BITUMINOUS COAL MINES

Districts	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Pincher Creek	9,444	19	.....	.....	9,444	9,444
High River	2,288	6	.....	.....	.....	.....
Calgary	860	8	.....	.....	.....	.....
Saunders	73,295	168	.....	73,295	.....	73,295
Yellowhead	377,574	343	.....	377,574	.....	377,574
Total	463,461	544	.....	231,730	463,461	154,487

The following table shows the number of tons produced per accident:

BITUMINOUS COAL MINES

Districts	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Crow's Nest Pass	1,600,656	2,046	177,890	123,127	1,600,656	69,594
Canmore	264,447	328	132,223	52,889	88,149	26,444
Brazeau	493,378	769	493,378	123,344	.....	98,675
Jasper Park	248,659	492	248,659	248,659	.....	124,329
Mountain Park ..	634,474	710	634,474	158,618	634,474	105 746
Total	3,241,614	4,345	231,544	120,059	648,323	70,470

The following table shows the number of tons produced per accident:

ANTHRACITE COAL MINE

District	Output	Average No. of men employed	No. of tons produced per accident			
			Fatal	Serious	Slight	Total
Banff	107	69	.....	.....	.....	.....

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1923

Date	Mine	Name	Age	Occupation	Details
Jan. 5	Fraser-MacKay Coll., Ltd.	L. Paterson	22	Driver	He was driving a horse hauling mine cars; one of the cars became derailed and crushed Paterson between the car and the side of the entry, fracturing his pelvic bone.
Jan. 6	Great West Coal Co., Ltd.	J. Shaw	22	Driver	He was driving a horse, and while spragging a trip, his left leg got caught in the tail chain and the horse started up, and threw him under the cars, breaking his left leg.
Jan. 15	F. G. Meek	S. Delegney W. Kunsteben	23 28	Miner Miner	They were preparing a cartridge of Black Powder when Delegney dropped a piece of burning fuse on to the cartridge, which ignited the powder, burning both men.
Jan. 17	Molley & Raymond	C. A. Johnston	31	Miner	He was mining coal, when a piece of top coal fell, striking him on the elbow. Bruised elbow.
Feb. 7	Canadian Pacific Railway Co., No. 3, Lethbridge	R. J. Greaves	42	Loader	He was taking down draw slate at the face of No. 4 room 23, Butt. 6, face N. W. entry, when a piece of slate struck him on the leg. Both bones of right leg fractured.
Feb. 13	Lakeside Coals, Ltd.	D. Mino	22	Driver	He was driving a horse hauling a trip of loaded cars, and on coming to the siding, he got between moving cars and cars onthesiding. His arm got jammed, breaking same at the elbow.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Feb. 17	J. B. Remillard	D. Wilkie	43	Overman	He had fired a shot at the face of a room, and while on the entry heard a shot explode. After waiting a few minutes, he returned to the room, examined the shot and found it had not blown down much coal. While he was there the shot exploded, and he was struck about the face by flying coal, also burned by the powder-flame, receiving injuries to his face, head, and eyes. This accident was caused through using two separate cartridges of black powder, the first of which exploded when he was on the entry and must have ignited the paper on the second, which burned slowly and got to the powder when he was at the face of the room.
Feb. 26	Hy-Grade Coal Co., Ltd.	J. Hunter	40	Miner	He was loading coal from pillar workings when a piece of roof rock dropped between the timbers, striking him on the head. Head crushed; death instantaneous.
Mar. 29	Newcastle Junior Mining Co., Ltd.	A. Picco	31	Loader	He was loading coal into a mine car, when a piece of rock fell from the roof, striking him on the heel. Right foot badly broken.
April 9	Canadian Pacific Railway Co., Dept. Nat. Res., Lethbridge	T. Leishman	17	Driver	He was driving a pony, when his lamp went out and he fell in front of the car, and between the rails, the car passing over him. Badly bruised about body and face.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
April 9	Rosedale Coal Co., Ltd.	J. Hillary	40	Timberman	He was shovelling loose rock on the side of the roadway, when a piece of rock from the roof fell and struck him on the back. Neck and back broken, causing instant death.
May 29	Tofield Coal Co., Ltd.	Karl Olson	34	Laborer	He was working in the stripping and had sat down against the side of the pit, when a piece of frozen clay dropped off the side, striking him on the back. Both legs broken at ankle and above knee, also spine fractured, from the effects of which he died in the hospital six hours later.
June 6	Bush Mine Coal Co., Ltd.	J. Hernary	28	Miner	He was working in a crosscut, when a fall of roof rock took place, striking him on the leg. Right leg fractured between knee and ankle.
July 30	Carbon Coal Agencies, Ltd.	Anthony Mehan	70	Laborer	He was driving a horse, hauling rock to dump on the surface, when the horse became frightened and knocked him down in front of the car, and pulling it on top of him. Both legs and one arm fractured, also body injuries. He died from shock shortly after being taken from below the car.
Aug. 18	North American Colls., Ltd. Coalhurst	C. Peutelchuk	47	Miner	He was taking down coal at the face of No. 4, room No. 5, Butt West Entry. The coal jammed him against a car, injuring his chest.
Aug. 22	Canadian Pacific Railway, Dept. Nat. Res., Lethbridge	P. Hendrick	33	Driver	He was driving a horse on 24 Butt Entry, off 6, face N. E., and while passing the horse, it squeezed him against the timber, breaking his collar bone.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Oct. 9	The Palisade Coal Co., Ltd.	C. Watson	20	Driver	He was riding on the front of a loaded car, hauled by a horse, and fell off on to the side of the track; the hub of the car wheel struck him on the right ankle, dislocating and fracturing same.
Oct. 12	Dawson Coal Co., Ltd.	J. Borchuk	25	Cager	He was engaged as cager at the shaft bottom and had signalled the engineer to raise the cage; which when about 10 feet from the bottom, he signalled to stop, then signalled to lower. He was found below the cage by a driver, the cage resting on him, being dead when found. There were no witnesses to the accident.
Oct. 12	Great West Coal Co., Ltd. Aerial	S. Oleskiuk	41	Miner	He had fired three shots at the face of No. 5 North Entry, and, returning to his place, was caught by a cave of roof rock, caused by timbers being displaced by the shots, death being instantaneous.
Oct. 22	J. J. Schock	John Roth	37	Miner	He was working in the pit, when a large piece of clay fell from the face of the bank, striking him on the foot. Fracture of heads of third and fourth metatarsal bones.
Nov. 5	Joseph Pickard & Co.	Joseph Pickard	41	Overman	He was timbering at the face of Main Entry, when a fall of rock took place, striking him on the body, fracturing seven ribs.
Nov. 14	Alberta Block Coal Co., Ltd.	Richard Price	19	Railway Car Handler	He was moving loaded railway cars below the tippie, and in attempting to climb on to a moving car, slipped and fell, the wheel catching his foot. Crushed right foot.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE DOMESTIC FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Nov. 17	Rose-Deer Coal Mining Co., Ltd.	John Anstron	45	Miner	He was loading coal in crosscut 20, Room 7, North Entry, preparatory to putting up a post, when a piece of rock fell from the roof, striking him on the left leg, fracturing same below the knee. Septic poisoning developed on the 23rd Nov., and he died from the effects of same on Nov. 25th, 1923, in the Drummeller Hospital.
Nov. 24	Lakeside Coals, Ltd.	John Stogryn	23	Driver	He was driving a horse, hauling a trip of empty cars on the 9th West Entry, when the horse turned to the side, throwing the cars off the track, causing Stogryn to fall on to his knee, bruising same.
Dec. 11	Ardley-Hardite Collieries	John Rassmussen ..	38	Miner	He, along with his partner, having ignited a shot had gone to the entry until the shot exploded. They heard a shot detonate and returned to the face. Rassmussen was examining the shothole when an explosion occurred, and he was struck on the head by flying coal. Cuts on right side of face and head, also right eye badly cut.
May 22	Gilbert W. Duckworth	Gilbert W. Duckworth	32	Operator	He had gone along with two other men to the mine with the intention of pumping the water out of the shaft, which was 90 feet deep, using a deep well pump operated from the surface, while the other men were fitting up the pump jack. Duckworth went down the well to see about the suction and became overcome by C.O. 2, which caused him to fall off the ladder, when about 30 feet down, dropping to the bottom of the shaft. He was dead when brought to the surface, death being caused by internal hemorrhage of the right lung, which had been torn by broken ribs.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE SUB-BITUMINOUS FIELD IN 1923:

Date	Mine	Name	Age	Occupation	Details
Mar. 12	John Mikiitk	W. Sisar	41	Miner	He had entered the mine before the examiner had made his examination, and going up into a raise with an open lamp encountered some gas, which ignited, burning him about the head and face.
Aug. 20	Alexo Coal Co., Ltd.	P. Dewandler	28	Miner	He was taking out coal at the face of 5 room No. 1 incline, having neglected to take down the clod, when it fell on him, causing fractured ribs, left side, crushing lungs and fracture of left thigh.
Nov. 23	Sterling Collieries, Ltd.	Samuel Goldberg ...	47	Dinky Locomotive Engineer	He was engineer on a small locomotive hauling loaded coal cars from the pit to the tippie. The front wheels of the loco. became derailed and the cars bumped into the rear end, as Goldberg was attempting to jump off, catching him in the door of the cab, fracturing his right arm in two places, and injuring his neck.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923.

Date	Mine	Name	Age	Occupation	Details
Jan. 9	Hillcrest Coll., Ltd.	S. E. Taylor	40	Miner	He, along with three other miners, was walking up the main slope, instead of using the traveling way, when he was struck by a trip of empty cars being lowered down the slope, fracturing his skull and causing other injuries, death being instantaneous.
Jan. 10	McGillivray Creek Coal & Coke Co., Ltd.	Geo. Phillips	17	Brakesman	He was coupling cars on a trip of loads, and got his foot caught between the car bumpers. Right foot crushed.
Jan. 12	International Coal & Coke Co., Ltd.	K. Scaba	35	Miner	He was working in No. 18 pillar in No. 8 north mine, when a fall of coal occurred, which struck him, fracturing his neck and both legs, causing instant death.
Jan. 31	Canmore Coal Co., Ltd.	Thos. Aikman	42	Engineer	He was operating a hoist below ground and, noticing the rope overlapping, attempted to straighten it out, and got his thumb caught under the rope, resulting in the flesh being torn off his thumb, right hand, to the first joint.
Feb. 10	Canmore Coal Co., Ltd.	M. Horboituk	33	Driver	He was driving a horse hauling a trip of cars the first of which became derailed. He was in the act of uncoupling the horse when his thumb got caught by the hook, crushing the thumb and tearing off the flesh on the inside of same.
Feb. 22	West Canadian Coll., Ltd., Bellevue	A. C. Wilkins	38	Mechanic	He was walking up No. 7 slope when a trip of loaded cars came back, through the rope breaking. Wilkins got into a manhole, the cars became derailed near the manhole, and Wilkins was struck by flying coal. Fractured pelvis, right side.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Feb. 22	Brazeau Coll., Ltd.	A. Pollock	28	Driver	He was driving a horse hauling a trip of nine loaded cars; the horse stopped, and the trip stalled. The driver pushed the cars together from the front end, then went to the rear end. He started the horse, and was running alongside the trip, when he slipped and fell, with his right leg between the cars, which passed over it. Right leg compound comminuted fracture of both bones above the ankle.
Mar. 3	Cadomin Coal Co., Ltd.	A. Smythe	26	Coupler	He was coupling a trip of empty cars on the tippie when an empty car bumped the trip, and his leg was caught between the trip, and his fracture of right leg below knee.
Mar. 10	Cadomin Coal Co., Ltd.	J. Roberts	40	Asst. Overman	He had been in No. 3 pillar, No. 1 mine, and was leaving when a fall took place, causing a heavy air blast, which knocked him into the chute, striking his head, causing concussion.
Mar. 14	McGillivray Creek Coal & Coke Co., Ltd.	A. J. Morrison	24	Bottomer's Helper	He was standing on the front end of an empty car, which was being hoisted up the slope, when the car became derailed, jamming his arm between the top of the car and the bridge stick. Right arm broken.
Mar. 16	McGillivray Creek Coal & Coke Co., Ltd.	F. C. Clarke	31	Brakesman	He was coupling up a trip of cars, and got his leg caught between the cars. Right leg broken, between knee and ankle.
Mar. 20	Cadomin Coal Co., Ltd.	J. Howe	23	Rope-rider	He was stepping on to a car which was being hoisted up the incline to the tippie, when he slipped, and fell in front of the car, which caught his leg. Right leg fractured below knee.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Mar. 26	Canmore Coal Co., Ltd.	H. Lambert	47	Miner	He was using a bar to dislodge a niggerhead from a chute, when the bar slipped and struck him on the jaw. Double fracture of jaw.
Mar. 28	Canmore Coal Co., Ltd.	A. Isanko	29	Timber Packer	He was found at the top of a ladder in No. 4, chute 7, gangway, Carey seam, the upper portion of the chute being full of C.H. 4. His foot was caught in the ladder, and before he was released, life was extinct.
April 18	International Coal & Coke Co., Ltd.	J. Fairhurst	49	Miner	He was working in No. 615 room, removing a prop, when a fall of roof rock took place. Left side of chest bruised, and severe scalp wound.
May 16	McGillivray Creek Coal & Coke Co., Ltd.	A. Kerr	40	Miner	He was working at the face of No. 75 pillar, when a piece of cap rock fell, striking him on the left leg. Fractured tibia.
May 16	West Canadian Collieries, Ltd., Greenhill	F. Zemski	37	Timber-packer	He was packing timber along with other men and coming down to the main gangway at No. 55 angle on to some loaded cars, the other men got off the cars on the lower side, and the driver, starting his horse, pulled the cars, which crushed Zemski between the cars and timber, causing internal injuries from the effects of which he died in the hospital next day.
May 19	Canmore Coal Co., Ltd.	O. Evans	19	Machinist's Helper	He was walking down No. 5 slope to repair a pump, when he slipped and fell, his hand doubled under him. Fracture of lower end of radius, right arm.
May 21	International Coal & Coke Co., Ltd.	W. S. Smith	30	Roperider	He was pushing empty mine cars, in the yard on the surface, when his foot was caught between car bumpers. Left ankle broken.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
May 25	West Canadian Coll., Ltd., Bellevue	F. Vercammen	42	Miner	He was preparing to set a post when coal and rock rolled out of crosscut, striking him on the leg. Compound fracture of right leg above ankle.
June 1	Luscar Collieries, Ltd.	G. W. Rueckert ... Chas. Moir C. Reynolds	37 41 32	Timberman Tracklayer Tracklayer's Helper	Rueckert was setting timber; Moir and Reynolds were working on the track at the face of 64A crosscut, off the main entry, Jewel seam, when a large body of coal gave way above the timber without any warning, falling on to and covering the three men. Reynolds was able to get out and raised the alarm, and with assistance Moir was dug out. Rueckert was further under the cave, and was buried for 45 minutes. He did not respond to artificial respiration. Death resulted from suffocation by fine coal. Moir was bruised on the body and legs, also suffered from shock. Reynolds received scalp wounds.
June 15	Brazeau Collieries, Ltd.	J. Avoledo	22	Driver	He was going on shift at midnight, taking his horse with him, when he met the spike team coming out with an empty car; he was knocked down and dragged by the car, receiving injuries, causing extensive haematoma in midline in lumbar and lower dorsal region. Fracture of both bones, right leg; fractured pelvis, and severe concussion of brain.
June 24	Blue Diamond Coal Co., Ltd.	Ole Ryan	37	Rope-rider	He was riding on a trip of cars, and fell off, the trip passing over his right leg. Broken tibia of fibia of right leg.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
July 7	Canmore Coal Co., Ltd.	R. Kerr A. Minchin	39 27	Examiner Miner	They were preparing to load some shots, having placed 2½ sticks of powder together with a detonator in one hole, and were inspecting the second hole preparatory to loading it, when from some unknown cause the shot exploded. Kerr received injuries to the right eye and Minchin bruises and abrasion to right arm, left shoulder, and side of face.
July 7	West Canadian Coll., Ltd., Greenhill	F. Malek	32	Bratticeman	He was going home, and while walking down the manway in some manner fell into the chute, breaking his neck, being dead when found at the bottom of the chute.
July 8	McGillivray Creek Coal & Coke Co., Ltd.	L. Marlott	30	Boiler-washer	He was inside a boiler, engaged in cleaning it, and was found dead by the engineer. The coroner's jury returned a verdict of death from unknown cause.
July 9	Bräzeau Collieries, Ltd.	F. Allod	35	Miner	He was engaged jiggling a car, and the rope became detached from the empty car, the full car pulled the empty rope. The end with clevis attached, struck him on the leg; compound fracture, left leg.
July 10	Hillcrest Collieries, Ltd.	E. L. Eckmier	33	Miner	He was mining coal in No. 113 pillar, when a large piece of rock dropped from the roof, striking him on the head, crushing same, death being instantaneous.
July 13	Canmore Coal Co., Ltd.	L. Taddy	47	Miner	He and his partner were drilling a hole in coal, using a jackhammer, 12 to 15 inches from a shot that had missed fire, when the miss-fire shot exploded, and Taddy was struck by flying coal, receiving cuts about the face.

LIST OF ACCIDENTS WHICH HAVE OCCURED IN THE BILUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
July 14	Blue Diamond Coal Co., Ltd.....	J. Hunter	36	Timber-packer	He was going up the timber chute, No. 11, Raise 2, South Entry, when a cave of rock took place, striking him on the head and chest. Fractured skull and ribs, from the effects of which he died thirty-six hours later.
July 20	International Coal & Coke Co., Ltd.	M. Volna	39	Miner	He was working in 54 pillar B. level, south mine, when a piece of rock fell from the roof, striking him on the head. Badly crushed head, causing instant death.
July 31	McGillivray Creek Coal & Coke Co., Ltd. ...	J. Barnes	38	Examiner	He was engaged inspecting the workings on the night shift, and, as he did not return to the surface at the end of his shift, search was made and he was found dead at the face of 73 cross-cut, No. 3 slope; death being caused by asphyxiation.
Aug. 4	Hillcrest Collieries, Ltd.	J. Kochonoski	37	Miner	He was working in 352 room when a fall of coal took place, striking him, causing fractured and dislocated knee, fractured rib, and miscellaneous scratches and bruises.
Aug. 23	McGillivray Creek Coal & Coke Co., Ltd. ...	A. Muir	27	Driver Boss	He was caught between a loaded car and motor. Compound fracture of left leg below knee.
Sept. 1	International Coal & Coke Co., Ltd.....	R. M. Morgan	44	Miner	He was working in No. 56, Pillar No. 2, B Level, South, taking a skip up the side, when a slide of gob took place, and a large piece of rock struck him, fracturing his neck, and severely crushing his chest and legs, causing instant death.
Sept. 26	McGillivray Creek Coal & Coke Co., Ltd. ...	N. Stefance	32	Motorman	He got his leg caught between the motor and a prop on the side of the entry, wrenching and breaking his ankle.
Oct. 1	McGillivray Creek Coal & Coke Co., Ltd. ...	A. Holyk	30	Driver	He was driving a horse hauling cars; the horse turned, catching Holyk's leg between the tail chain and the car. Broken right ankle.

LIST OF ACCIDENTS WHICH HAVE OCCURRED IN THE BITUMINOUS FIELD IN 1923—(Continued).

Date	Mine	Name	Age	Occupation	Details
Oct. 22	Canmore Coal Co., Ltd.	J. Barrie.	35	Miner	He was walking out to the slope in No. 14 crosscut, No. 10 Slope, when a piece of rock dropped from the roof, between timbers, striking him on the head, crushing same, killing him instantly.
Oct. 29	McGillivray Creek Coal & Coke Co., Ltd. ...	R. Holmes	54	Examiner	He was landing a trip off the slope on No. 3 Level, and was struck on the left leg by the haulage rope, fracturing his ankle.
Nov. 27	Canmore Coal Co., Ltd.	P. Hupman	41	Miner	He was engaged in timbering No. 4 Gangway, Stewart Seam, when he slipped and fell, the timber falling on to his left arm. Fractured small bone, left arm.
Dec. 3	Brazeau Collieries, Ltd.	S. M. Hall.	54	Miner	He, with his partner, was starting a crosscut off room 65 No. 2 mine; they had knocked out a center post and had stepped back to allow the roof to settle. When they were returning the timbers broke, and a large piece of rock fell from the roof on to Hall, fracturing his legs; also the fourth to eighth ribs on the left side, causing internal injuries, death being instantaneous.
Dec. 5	Brazeau Collieries, Ltd.	J. Knowles.	45	Miner	He was jiggling a car in No. 10 room, No. 3 mine, when his leg got caught by the rope and pulled up to the wheel. Compound comminuted fracture, left leg.
Dec. 28	Hillcrest Collieries, Ltd.	Joe Magdall	21	Driver	While driving his horse, the animal became frightened, and jumping to one side, landed on to Magdall's leg. Fractured leg above the ankle.

FATAL ACCIDENTS

The fatal accident which occurred to Sidney Eyre Taylor on January 9th, in the mine operated by the Hillcrest Collieries Ltd., at Hillcrest, was caused through his being struck by a trip of empty cars. He was, along with three other miners, walking up the main slope instead of using the travelling way, when he was struck by a trip of empty cars which were being lowered down the slope. His skull was fractured and he received other injuries causing instant death.

The fatal accident which occurred to Karl Scaba on January 12th, in No. 8 North Mine, operated by the International Coal & Coke Co., Ltd., at Coleman, was caused by a fall of coal. He was working in No. 18, pillar No. 8 North Mine, when a fall of coal occurred, striking him on the head and legs, fracturing his neck and both legs, causing instant death.

The fatal accident which occurred to Jas. Hunter on February 26th, in the mine operated by the Hy-Grade Coal Company of Drumheller, Ltd., at Drumheller, was caused by a fall of rock in pillar workings. He was loading coal from a pillar when a large piece of rock dropped out of the roof between timbers, striking him on the head, crushing same, death being instantaneous.

The fatal accident which occurred to Alex. Isanko, on March 28th, in the mine operated by the Canmore Coal Co., Ltd., at Canmore, was caused by asphyxiation. He was found at the top of a ladder in No. 4 chute, No. 7 Gangway Carey Seam, the upper portion of the chute being full of C.H.4. It would appear that he had gone up the ladder and slipped, one foot and leg being through the rungs, and before he could be released he was asphyxiated. No person saw him go into the place, and his reason for going there is not known.

The fatal accident which occurred to John Hillary on April 9th, in the mine operated by the Rosedale Coal Co., Ltd., at Rosedale, was caused by a fall of rock. He was engaged re-timbering the main entry in the upper seam mine, and had endeavored to take down a large piece of rock, without success. He then started loading loose rock from the side of the roadway, when the piece of rock dropped on to his back, breaking his neck and back, causing instant death.

The fatal accident which occurred to Frank Zemski, on May 16th, in the mine operated by the West Canadian Collieries, Ltd., at Blairmore, was caused through his being crushed between loaded cars and timber. He was packing timber from the main gangway up 55 angle and was stepping on to some loaded cars. He apparently got off the cars on the wrong side, and was crushed between the cars and timber, receiving internal injuries, from the effects of which he died in the Blairmore Hospital on May 17th, 1923.

The fatal accident which occurred to Gilbert W. Duckworth on May 22nd, at a mine which he was re-opening near Magnolia, was caused through his falling down the shaft. He intended re-opening a prospect shaft, that had been abandoned in 1920, having taken some workmen with him for the purpose. The prospect was a shaft 90 feet deep with some water at the bottom. The workmen were engaged connecting up a pump to a gasoline engine on the

surface, when Duckworth decided to go down the ladder in the shaft to see that the suction pipe was in the water. He did not test the condition of the air in the shaft previous to starting down, and when he was down about 25 feet from the surface the men heard a noise in the shaft and going over saw him fall off the ladder, dropping to the bottom of the shaft. He was apparently overcome by C.O₂, which caused him to drop. He was dead when brought to the surface, death being caused by internal hemorrhage of the right lung which had been torn by broken ribs.

The fatal accident which occurred to Karl Olsen on May 29th, at the mine operated by the Tofield Coal Co., Ltd., near Tofield, was caused through a fall of clay. He was working in the stripping pit, removing loose clay between the steam shovel and the side of the cut. He, along with another man, having completed cleaning up the clay, were sitting down against the side of pit when a large piece of frozen clay dropped off the side, striking him on the back, causing fracture of both legs at ankles and above knees; also spine fractured, from the effects of which he died in the Royal Alexandra Hospital, Edmonton, six hours later.

The fatal accident which occurred to Gus. W. Rueckert on June 1st, in the mine operated by the Luscar Collieries, Ltd., at Luscar, was caused through a fall of coal. He was engaged setting timber in 64a crosscut off the main entry when a large body of coal came away above the timber, without any previous warning, falling on to and covering Rueckert and two other men. The other men were got out with only minor bruises; Rueckert was further under the cave and was buried for 45 minutes. He did not respond to artificial respiration; death resulted from suffocation by fine coal.

The fatal accident which occurred to Leonard Marlott on July 8th, at the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., near Coleman, was from an unknown cause. He was engaged as boiler-washer, working inside a boiler cleaning off the scale, and was found dead by the engineer. The jury at the inquest returned a verdict of death from unknown causes.

The fatal accident which occurred to Frank Malek, on July 7th, in the mine operated by the West Canadian Collieries, Ltd., at Blairmore, was caused by falling into a chute. He was walking down the manway, going home, and in some manner fell into the chute, breaking his neck. He was dead when found at the lower end of the chute.

The fatal accident which occurred to Earl L. Eckmier, on July 10th, in the mine operated by the Hillcrest Collieries, Ltd., at Hillcrest, was caused through a fall of rock. He was mining coal in No. 113 pillar when a large piece of rock fell from the roof, striking him on the head, crushing same, causing instant death.

The fatal accident which occurred to John Hunter, on July 14th, at the mine operated by the Blue Diamond Coal Co., Ltd., at Brule, was caused by a fall of rock. He was engaged as a timber-packer and packing timber up the timber chute in No. 11 raise off 2 South Entry, when a cave of rock took place, striking him on the head and chest. Fractured skull and ribs, from the effects of which he died thirty-six hours after the accident.

The fatal accident which occurred to Mike Volna, on July 20th, in the mine operated by the International Coal & Coke Co., Ltd., at Coleman, was caused through a fall of rock. He was working in 54 pillar off B Level south mine, when a large piece of rock fell from the roof, striking him on the head, crushing same, and causing instant death.

The fatal accident which occurred to Anthony Mehan, on July 30th, at the mine operated by the Carbon Coal Agencies, Ltd., near Carbon, was caused by his being struck by a car on the rock dump. He was driving a horse hauling rock to the dump on the surface, when the horse became frightened, knocking Mehan down in front of and under the car. Both legs and one arm broken, also injuries to body. He died from the effects of shock shortly after being taken from under the car.

The fatal accident which occurred to John Barnes, on July 31st, in the mine operated by the McGillivray Creek Coal & Coke Co., Ltd., near Coleman, was caused by asphyxiation. He was working as examiner on the night shift and as he did not return to the surface at the end of the shift search was made and he was found dead at the face of 73 crosscut No. 3 slope. He had left his flame type safety lamp at the bottom of the crosscut and gone to the face using an electric lamp. The place was full of C.H.4. Death was caused by asphyxiation.

The fatal accident which occurred to Robert M. Morgan, on Sept. 4th, in the mine operated by the International Coal & Coke Co., Ltd., at Coleman, was caused through a slide of rock in pillar workings. He was working in 56 pillar off No. 2 B. level south, taking a skip up the side of the pillar, when a slide of rock took place, a large piece of rock struck him, fracturing his neck and severely crushing his chest and legs, causing instant death.

The fatal accident which occurred to John Borchuck on Oct. 12th, in the mine operated by the Dawson Coal Co., Ltd., at Edmonton, was caused through his being crushed by the cage at the shaft bottom. He was working as cager at the shaft bottom, and had signalled the engineer to raise the cage, which, when it was ten feet up the shaft, he signalled to stop, then signalled to lower. This he did twice. He was found under the cage by the driver, the cage resting on top of him. He was dead when taken from under the cage. There were no witnesses to the accident, and no reason can be given for his being where found.

The fatal accident which occurred to Sam Oleshiuk, on Oct. 12th, in the mine operated by the Great West Coal Co., Ltd., of Aerial, was caused through a fall of rock on the entry. He had fired three shots at the face of No. 5 North entry, which had displaced the timbers at the entrance to a room near the entry face. He had returned to the entry face for the purpose of seeing the results of his shots, and apparently heard the roof working above the displaced timber; he attempted to return, and when crossing the displaced timber was caught by a fall of rock, which fell on him, causing instant death.

The fatal accident which occurred to Jas. Barrie, on Oct. 22nd, in the mine operated by the Canmore Coal Co., Ltd., at Canmore, was caused by a fall of rock. He was walking along 14 crosscut to No. 10 slope when a large piece of rock fell from the roof, striking him on the head, crushing same, death being instantaneous.

The fatal accident which occurred to John Anstron on Nov. 17th, in the mine operated by the Rose-Deer Coal Mining Co., Ltd., at Wayne, was caused through a fall of rock. He was loading coal, in a crosscut off 20 room 7 North entry, preparatory to putting up a post, when a piece of rock fell from the roof, striking him on the left leg, causing a compound fracture below the knee. Septic poisoning developed on Nov. 23rd, from the effects of which he died in the Drumheller Hospital on Nov. 25th.

The fatal accident which occurred to Stephen Metcalf Hall on December 3rd, in the mine operated by the Brazeau Collieries, Ltd., at Nordegg, was caused through a fall of rock. He with his partner was starting a crosscut off 65 room 5 level, No. 2 mine, they had knocked out a centre prop from under a stringer and had stepped back to allow the roof to settle; not hearing any sound of weighting they were going back to commence work when, without any warning, two stringers broke and a large piece of rock fell, striking Hall, fracturing both legs; also fourth to eighth ribs inclusive, and causing internal injuries, death being instantaneous.

TABLE SHOWING ACCIDENTS AS THEY OCCURRED BY MONTHS DURING THE YEAR 1923

Months	Above Ground				Below Ground				Total Above and Below ground
	Fatal	Seri-ous	Slight	Total	Fatal	Seri-ous	Slight	Total	
January .....	..	..	..	..	2	4	3	9	9
February .....	..	..	..	..	1	5	1	7	7
March .....	..	2	..	2	1	5	1	7	9
April .....	..	..	..	..	1	1	1	3	3
May	1	1	..	2	2	3	..	5	7
June .....	..	..	..	..	1	4	1	6	6
July	2	..	..	2	5	3	1	9	11
August .....	..	..	..	..	..	4	1	5	5
September .....	..	..	..	..	1	1	..	2	2
October .....	..	1	..	1	3	3	..	6	7
November .....	..	2	..	2	1	2	1	4	6
December .....	..	..	..	..	1	3	..	4	4
Total	3	6	..	9	19	38	10	67	76

Tabulated list of accidents occurring in the Province above and below ground during the year 1923:

Cause	Fatal		Serious		Slight		Total	
	Above	Below	Above	Below	Above	Below	Above	Below
Haulage	1	2	3	18	..	5	4	25
Falls of Rock .....	..	10	..	8	..	..	..	18
Falls of Coal .....	..	2	..	3	..	3	..	8
Shotfiring .....	..	..	..	6	..	1	..	7
Asphyxiation .....	..	3	..	..	..	..	..	3
Shaft accident crushed by cage .....	..	1	..	..	..	..	..	1
Timbering .....	..	..	..	1	..	..	..	1
Ignition of gas by open light .....	..	..	..	..	..	1	..	1
Falling into chute .....	..	1	..	..	..	..	..	1
Miscellaneous	1	..	1	2	..	..	2	2
Fall of clay in stripping pit	1	..	1	..	..	..	2	..
R. R. Cars .....	..	..	1	..	..	..	1	..
Total	3	19	6	38	..	10	9	67

Tabulated list of Accidents occurring in the Province above and below ground for the year 1923, classified according to the District in which they occurred:

Name of District	Fatal		Serious		Slight		Total		Total Above and Below ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Crow's Nest Pass	1	8	1	12	...	1	2	21	23
Pincher Creek	1	...	1	1
Lethbridge	2	...	2	...	4	4
Magrath
Milk River
Taber
Bow Island
Medicine Hat	1	...	...	...	1	...	1
Aldersyde
High River
Calgary
Canmore	...	2	...	5	...	3	...	10	10
Banff
Gleichen
Drumheller	...	1	1	1	...	...	1	2	3
Rosedale	...	2	...	...	...	...	...	2	2
Wayne	...	1	...	...	...	...	...	1	1
Big Valley
Saunders	1	...	...	...	1	1
Brazeau	...	1	...	4	...	...	...	5	5
Brooks
Hanna
Lacombe	1	...	...	...	1	1
Trochu	1	...	...	...	1	1
Three Hills	1	...	...	...	1	1

Tabulated list of Accidents occurring in the Province above and below ground for the year 1923, classified according to the District in which they occurred:—*Continued.*

Name of District	Fatal		Serious		Slight		Total		Total Above and Below ground
	Above	Below	Above	Below	Above	Below	Above	Below	
Carbon	1	...	...	2	...	...	1	...	1
Battle River	2	2
Canrose
Tofield	1	...	...	3	...	1	1	4	1
Clover Bar	1	...	...	...	...	...	1	4
Edmonton	1	...	...	...	1	1
Strathcona	1	1
Namoo
Cardiff	1	...	1	...	3	...
Wabamun	1	...	...	...	...	...	...	3
Pembina	1	...	1	...	...	...	2	...
Jasper Park	1	...	...	...	...	1	2
Yellowhead	1	2	2	...	1	2	4	1
Mountain Park	6
Peace River
Total	3	19	6	38	...	10	9	67	76

The following table gives the classification of Accidents according to the Coal Fields in which they occurred:
DOMESTIC

Cause	Above Ground		Below Ground		Total
	Fatal	Serious	Slight	Total	
Horse Haulage, fell under car	1	..	..	..	4
Horse Haulage, crushed between car and timber	1
Horse Haulage, crushed between car and side of entry	1
Horse Haulage, caught between cars on siding	1
Horse Haulage, leg struck by car wheel	1
Fall of rock at face of room	2
Fall of rock at face of crosscut	2
Fall of rock on entry while timbering	2
Fall of rock on entry through displaced timbers	1
Fall of rock in pillar workings	1
Fall of coal at face of room	1
Shot-firing, went back too soon after firing shot	2
Shot-firing, first shot exploded when attempting to fire second shot	2
Shaft accident, crushed under cage	2
Asphyxiation in prospect shaft	1
Fall of clay in stripping pit	1	1	..	..	1
Railroad car, fell off moving car, foot crushed	..	1	..	..	1
Total	2	2	..	6 13 4	27

The following table gives the classification of Accidents according to the Coal Field in which they occurred:
SUB-BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Fall of coal at face of room	1	..	1
Ignition of gas by open light	1	1
Steam Loco. Haulage, crushed between loco. and loaded cars	1	..	..	..	..	1
Total	1	..	..	1	1	3

The following table gives the classification of Accidents according to the Coal Fields in which they occurred:
BITUMINOUS

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Rope Haulage, fingers caught between rope and drum	1	1
Rope Haulage, struck by trip of empty cars	1	2	..	3
Rope Haulage, struck by flying coal from runaway loaded cars	1	..	1
Rope Haulage, struck by rope clevis while jiggling car	1	..	..	1	..	1
Rope Haulage, fell off trip of loaded cars	1	..	..	..	..	2
Rope Haulage, leg caught between loaded cars	1	1
Electric Storage Battery Loco. Haulage, foot caught between loaded cars	1	..	1
Rope Haulage, leg caught in rope while jiggling car	1	..	1
Electric Storage Battery Loco. Haulage, leg caught between loco. and timber	1	..	1

The following table gives the classification of Accidents according to the Coal Fields in which they occurred:
 BITUMINOUS—(Continued)

Cause	Above Ground			Below Ground			Total
	Fatal	Serious	Slight	Fatal	Serious	Slight	
Electric Storage Battery Loco. Haulage, leg caught between loco. and cars	1	..	1
Compressed Air Locomotive Haulage, leg caught between loaded cars	1	..	1
Horse Haulage, hand caught by tail chain hook	1	1
Horse Haulage, leg fractured by horse jumping on same	1	..	1
Horse Haulage, leg fractured, caught between tail chain and car	1	..	1
Horse Haulage, falling under cars	2	..	2
Horse Haulage, crushed between cars and timber	1	..	..	1
Fall of rock in pillar workings	2	3	..	5
Slide of rock in pillar workings	2	..	..	2
Fall of rock at face of room	1	1	..	2
Fall of rock in timber chute	1	..	..	1
Fall of coal at face of room	1	..	1
Fall of coal in pillar workings	1	..	..	1
Fall of coal at face of crosscut	1	1	..	2
Shot-firing, premature ignition of shot	1	2	1	4
Shot-firing, explosion of misfire shot
Asphyxiation at top of raise	1	..	..	1
Asphyxiation at face of crosscut	1	..	..	1
Fall of timber while placing same	1	..	1
Falling into chute	1	..	..	1
Miscellaneous, slipped while walking down slope	1	..	1
Miscellaneous, struck by crow bar when dislodging rock	1	..	1
Miscellaneous, found dead in boiler	1	..	..	..	..	..	1
Miscellaneous, foot crushed between cars	1	..	..	..	..	1
Total	1	3	..	13	24	5	46

THE MINES BRANCH

Table showing Accidents during 1923, classified according to the Mines in the DOMESTIC Field in which they occurred:

Name of Operator	District	Above Ground				Below Ground				Total Above and Below ground
		Fatal	Seri-ous	Slight	Total	Fatal	Seri-ous	Slight	Total	
Can. Pac. Ry., Dept. Nat. Res.	Lethbridge	..	..	..	..	..	2	1	3	3
North American Colls., Ltd., (Coalhurst)	Lethbridge	..	..	..	..	..	..	1	1	1
J. J. Shock, stripping pit	Medicine Hat	..	1	..	1	..	..	..	..	1
Alberta Block Coal Co., Ltd.	Drumheller	..	1	..	1	..	..	..	..	1
Hy-Grade Coal Co. of Drumheller, Ltd.	Drumheller	..	..	..	..	1	1	..	2	1
Newcastle Junior Mining Co., Ltd.	Drumheller	..	..	..	..	..	..	..	..	1
Rosedale Coal Co., Ltd.	Rosedale	..	..	..	..	1	..	..	1	1
Great West Coal Co., Ltd. (Aerial)	Rosedale	..	..	..	..	1	..	..	1	1
Rose-Deer Coal Min. Co., Ltd.	Wayne	..	..	..	..	1	1	..	2	1
J. B. Remillard	Laconbe	..	..	..	..	..	..	..	..	1
Ardley-Hardite Collieries	Trochu	..	..	..	..	..	1	..	1	1
Palisade Coal Co., Ltd.	Three Hills	..	..	..	..	..	1	..	1	1
Carbon Coal Agencies	Carbon	1	..	..	1	..	..	..	..	1
F. G. Meek	Battle River	..	..	..	..	..	2	..	2	2
Tofield Coal Co., Ltd.	Tofield	1	..	..	1	..	..	..	..	1
Bush Mine Coal Co., Ltd.	Clover Bar	..	..	..	..	..	1	..	1	1
Fraser-McKay Collieries, Ltd.	Clover Bar	..	..	..	..	..	1	..	1	1
Great West Coal Co., Ltd.	Clover Bar	..	..	..	..	..	1	..	1	1
Molloy & Raymond	Clover Bar	..	..	..	..	..	..	1	1	1
Dawson Coal Co., Ltd.	Edmonton	..	..	..	..	1	..	..	1	1
Joseph Pickard & Co.	Strathcona	..	..	..	..	..	1	..	1	1
Lakeside Coals, Ltd.	Wabamun	..	..	..	..	..	1	1	2	2
G. W. Duckworth	Wabamun	..	..	..	..	1	..	..	1	1
Total		2	2	..	4	6	13	4	23	27

Table showing Accidents during 1923, classified according to the mines in the SUB-BITUMINOUS Field in which they occurred:

Name of Operator	District	Above Ground				Below Ground				Total Above and Below ground
		Fatal	Seri-ous	Slight	Total	Fatal	Seri-ous	Slight	Total	
John Mikilik	Pincher Creek Saunders Yellowhead	..	..	..	..	..	..	1	1	1
Alexo Coal Co., Ltd. ....		..	..	..	..	..	1	..	1	1
Sterling Collieries, Ltd., stripping pit .....		..	1	..	1	..	..	..	..	1
Total .....		..	1	..	1	..	1	1	2	3

Table showing Accidents during 1923, classified according to the Mines in the BITUMINOUS Field in which they occurred:

Name of Operator	District	Above Ground			Below Ground			Total Above and Below ground
		Fatal	Seri-ous	Slight	Total	Fatal	Seri-ous	Total
Hillcrest Collieries, Ltd.	Crow's N. Pass. ....	..	..	..	..	2	2	4
West Can. Colls., Ltd. (Bellevue) ..	Crow's N. Pass. ....	..	..	..	..	..	2	2
International Coal & Coke Co., Ltd.	Crow's N. Pass. ....	..	1	..	1	3	1	4
McGillivray Creek Coal & Coke Co., Ltd.	Crow's N. Pass.	1	..	..	1	1	7	9
West. Can. Colls., Ltd. (Greenhill) ..	Crow's N. Pass. ....	..	..	..	..	..	..	2
Canmore Coal Co., Ltd.	Canmore. ....	..	..	..	..	2	5	7
Brazeau Collieries, Ltd.	Brazeau. ....	..	..	..	..	1	1	2
Blue Diamond Coal Co., Ltd.	Jasper Park. ....	..	..	..	..	1	4	5
Cadomin Coal Co., Ltd.	Mtn. Park. ....	..	2	..	2	..	1	3
Luscar Collieries, Ltd.	Mtn. Park. ....	..	..	..	..	1	1	2
Total		1	3	..	4	13	24	40

No accidents occurred in the Anthracite Field.

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1923

Mine in which contravention was committed.	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Unity Collieries, Ltd.....	General Manager.....	Did fail to send in monthly returns as required by The Mines Act, Section 42.	Convicted ...	Fined \$1.....	\$3.40
Moonlight Coal Co., Ltd.	Overman.....	Did fail to send in monthly returns as required by The Mines Act, Section 42.....	Convicted ...	Fined \$1.....	4.45
Celtic Coal Co., Ltd.	Accountant	Did fail to send in monthly returns as required by The Mines Act, Section 42.....	Convicted ...	Fined \$1.....	3.45
Premier Coal Co., Ltd.	Accountant	Did fail to send in monthly returns as required by The Mines Act, Section 42.....	Convicted ...	Fined \$1.....	3.55
Cadomin Coal Co., Ltd.	Rock Miner.....	That he did fire shots in rock tunnel without being authorized to do same, Section 27.....	Convicted ...	Fined \$5.....	4.00
West Carbon Coal Co., Ltd.	Operator	Did fail to pay wages when due in contravention of Sec. 34 and amendments.....	Convicted ...	Fined \$10.....	3.25
Sunbeam Collieries, Ltd.	Operator	Did fail to notify the Minister and Dist. Inspector of Mines of re-opening of mine.....	Convicted ...	Fined \$2.....	2.25
Sunbeam Collieries, Ltd.	Operator	Did operate a coal mine without having a certificated person in charge. Section 29.....	Convicted ...	Fined \$20.....	2.25
Parker Creek Coll., Ltd.	Operator	Did fail to provide water gauge for use in connection with ventilating fan. Sec. 138, Reg. 7.....	Convicted ...	Fined \$5.....	2.25
Parker Creek Coll., Ltd.	Operator	Did fail to provide adequate means for reversing the air current. Sec. 138, Reg. 9.....	Convicted ...	Fined \$5.....	2.25
Parker Creek Coll., Ltd.....	Operator	Did fail to fence Fly Wheels of Machinery in Power House. Section 80.....	Convicted ...	Fined \$2.....	2.25
Beaver Coal Co.	Operator	Did fail to forward returns for November. Section 42.....	Convicted ...	Fined \$1.....	2.25
Rosebank Coal Co.	Operator	Did fail to forward returns for November. Section 42.....	Convicted ...	Fined \$3.....	2.25
G. H. Stokoe	Operator	Failed to forward returns for the month of November. Section 42.	Convicted ...	Fined \$3.....	3.75

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1923—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
McGillivray Creek Coal & Coke Co., Ltd.	Miner	He did assault Henry France; an act likely to have caused injury to him. Sec. 97.	Convicted	Fined \$50.	\$11.00
Southern Alberta Coal Co., Ltd.	Operator	Did fail to forward returns for February. Sec. 42.	Convicted	Fined \$5.	3.25
J. F. Hamilton	Operator	Failed to forward returns for month of February. Sec. 42.	Convicted	Fined \$5.	3.25
T. O. Evans	Operator	Failed to provide a correct plan of mine. Sec. 56.	Convicted	Fined \$5.	4.75
T. O. Evans	Operator	Failed to forward monthly returns. Section 42.	Convicted	Fined \$5.	None
Carbondale Coal Co., Ltd.	Operator	Failed forwarding monthly returns. Sec. 42.	Convicted	Fined \$5.	4.75
Blue Diamond Coal Co., Ltd.	Miners	Having pipe and part of cigar in their possession. Sec. 64, Sub-sec. 3. Two men.	Convicted	Fined \$20 each, with costs	5.50
J. H. Owen	Operator	Did fail to have plan of mine up to date. Sec. 56.	Convicted	Fined \$20.	10.00
Richard Murtland	Operator	Did fail to have plan of mine up to date. Sec. 56.	Convicted	Fined \$20.	10.00
J. Mikilik	Operator	Did fail to have plan of mine up to date. Sec. 56.	Convicted	Fined \$20.	10.00
Vimy Coal, Light & Power Co., Ltd.	Operator	Did fail to forward returns for February. Sec. 43.	Convicted	Fined \$10.	13.00
Big Ton Coal Co.	Operator	Failed to pay wages when due. Section 34.	Convicted	Fined \$10.	16.70
John Roth	Operator	Failed to have plan of mine. Section 55.	Convicted	Fined \$5.	2.50
Blue Diamond Coal Co., Ltd.	Miner	Did travel the hoisting slope without permission of manager. Sec. 115.	Convicted	Fined \$10.	4.50
Blue Diamond Coal Co., Ltd.	Miner	Did travel the hoisting slope without permission of manager. Sec. 115.	Convicted	Fined \$10.	4.50
Big Valley Coll., Ltd.	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$5.	13.20
Big Ton Coal Co.	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$5.	9.50
Ben Nevis Mines, Ltd.	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$2.	8.50
C. G. Rochon	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$2.	8.50
Mrs. Ethel Ness	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$2.	8.50
Paul Ness	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$2.	8.50
John Carlson	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$1.	6.50
James Bros.	Operator	Failed to forward returns for April. Sec. 43.	Convicted	No fine	6.00

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1923—(Continued)

Mine in which contravention was committed.	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Oregon Ranching & Sheep Co., Ltd.	Operator	Failed to forward returns for April. Sec. 43.	Convicted	Fined \$1	\$ 4.25
J. Mikilik	Miner	Did go to work in the mine before same was reported safe for him to do so. Sec. 61	Convicted	30 Days Suspended Sentence	13.00
McDowall Brothers	Operator	Did fail to forward returns for April. Sec. 43.	Convicted	Fined \$5	11.00
Hillcrest Coll., Ltd.	Timberman's Helper	Did have in his possession a lucifer match for striking a light. Sec. 65.	Convicted	30 Days' Suspended Sentence with hard labor	5.75
Mohawk Bituminous Mines, Ltd.	Operator	Did fail to forward returns for April. Sec. 43	Convicted	Fined \$5	2.75
North American Coll., Ltd., Evansburg	Miner	Did have on his person while underground one lucifer match.	Convicted	Fined \$25	3.75
North American Coll., Ltd. Evansburg	Motorman	Did have in his possession, while underground, two lucifer matches.	Convicted	Fined \$25	3.75
North American Coll., Ltd. Evansburg	Miner	Did have in his possession two cartridges of powder while underground, otherwise than in a secure case.	Convicted	Fined \$15	3.75
Brazeau Collieries, Ltd.	Spragger	Neglecting to use the stop blocks at the top of No. 36 incline, No. 2 Mine.	Convicted	Fined \$25 and costs	5.25
Brazeau Collieries, Ltd.	Miner	Riding on trip of empty cars on No. 36 incline in No. 2 Mine	Convicted	Fined \$25 and costs	5.25
Rose-Deer Coal Mining Co., Ltd.	Miner	Did enter mine under the influence of liquor	Convicted	Fined \$5 and costs	5.25
C. S. Donaldson Coal Co.	Operators	Did fail to send returns for the month of July, 1923, to the Minister	Convicted	Fined \$1	3.25
J. B. Remillard	Operator	Did fail to send returns for the month of September, 1923	Convicted	Fined \$10	2.00

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1923—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
Bea Hronek	Operator	Did fail to send returns for the month of September, 1923	Convicted ...	Fined \$1	None
C. G. Rochon	Operator	Did fail to produce an up-to-date plan of the workings of the mine.	Convicted ...	Fined \$3	\$ 5.00
C. G. Rochon	Operator	Did fail to send returns for the month of September, 1923	Convicted ...	Fined \$5	5.00
Holt & McKenzie	Operators	Did fail to produce an up-to-date plan of the workings of the mine.	Convicted ...	Fined \$5	5.00
Holt & McKenzie	Operators	Did operate a coal mine without a certificated person in charge	Convicted ...	Fined \$5	5.00
N. Fry	Operator	Did fail to forward returns for the month of September, 1923	Convicted ...	Fined \$1	1.75
Alberta & Crow's Nest Coal Co., Ltd.	Overman	Did fail to produce the Register of Employees on request of the District Inspector of Mines ..	Convicted ...	Fined \$1	4.75
Alberta & Crow's Nest Coal Co., Ltd.	Overman	Did fail to make a report of his examination of the mine	Convicted ...	Fined \$1	4.75
J. J. Schock	Operator	Did fail to forward monthly statements to the Minister, and also failed to forward money as required	Convicted ...	Fined \$1	2.00
West Canadian Coll., Ltd., (Bellevue Mines)	Miner	Did fail to return at the end of his shift, explosive remaining in his possession, to the place of storage at the mine for that purpose ..	Convicted ...	Fined \$10	2.75
Louis Bulcourt	Operator	Did fail to produce a correct plan of the mine workings operated by himself	Convicted ...	Fined \$5	1.50
Louis Bulcourt	Operator	Did operate a coal mine without a certificated person in charge	Convicted ...	Fined \$5	1.50

LIST OF PROSECUTIONS UNDER THE MINES ACT DURING 1923—(Continued)

Mine in which contravention was committed	Description of Defendant	Offence Charged	Result of Proceedings	Penalty	Costs
James Bros.	Miner	Did light two shots prepared with time fuse at the same time in contravention of the Mines Act	Convicted ...	Fined \$1.	\$ 1.50
Luscar Collieries, Ltd.	Tracklayer	While in the mine did have in his possession a pipe for smoking tobacco.	Convicted ...	Fined \$20.	13.45
Albert & Dwelle	Overman	Did fail to send in monthly returns as required by The Mines Act.	Convicted ...	Fined \$25.	11.00
Blue Diamond Coal Co., Ltd. ...	Miner	Did have in his possession a safety lamp and failed to pay frequent attention to same.	Convicted ...	Fined \$20.	7.50
Blue Diamond Coal Co., Ltd. ...	Miner	Having received safety lamp before going on shift, he failed to personally return same at end of shift to the lamp house.	Convicted ...	Fined \$10.	6.00
Joseph Hodgson	Operator	Did fail to forward returns for the month of July, 1923.	Convicted ...	Fined \$1.	2.25

CROW'S NEST PASS DISTRICT—DISTRICT NO. 1

Hillcrest Collieries Limited (Mine No. 40)

Mine Office: Hillcrest.

Head Office: 160 St. James Street, Montreal.

Authorized Capital: \$3,000,000.00.

President: Sir Charles Gordon, C.B.E.

Vice-President: Charles Meredith.

Directors: Sir Charles Gordon, C.B.E., Sir Herbert Holt, C. H. Duggan, J. M. Mackie, R. G. Drinnan, Chas. Meredith, C. P. Hill, M. P. Davis, C. R. Hamilton, K.C.

Managing Director and Secretary: J. M. Mackie.

General Manager: Wm. Stevenson, Jr.

Treasurer: Frank J. Smith.

Mine Manager: Thomas O. Davis.

Overman: John Ironmonger.

Examiners: George Bamborough, William Adlam, J. W. Makin, Dan C. Kyle, Henry Instone, Denis Convery, Fred Willetts, Frank Lote, Harry Fisher, Chas. Evans, John Mackie and John Stevenson.

Mine Surveyor: David S. Hutchinson.

Master Mechanic: George H. Altham.

Location of Mine: N.E. $\frac{1}{4}$, Sec. 18, Tp. 7, Rge. 3, W. 5th Mer.

Area: 4,120 acres.

Character of Coal: Bituminous.

The wooden trestle on the railroad connecting the mine with the C.P.R., was damaged by floods during the summer and has been replaced by a 90 ft. span steel deck girder type bridge.

West Canadian Collieries Limited

Head Office: 3 London Wall Bldg., London E.C. 2, England.

Authorized Capital: \$3,600,000.00.

President: Alphonse Wicart, 7 Rue de Tenremonde, Lille, France.

Vice-President: Edmond Ory, Chateau du Colysee, Lambersart, (Nord) France.

Vice-President in Canada and General Manager: Jules Charbonnier, Blairmore, Alberta.

Directors: Alphonse Wicart, Edmund Ory, Jules Charbonnier, Edouard Decoster, Edouard Carlier, John Cavois, Baron R. de La Grange Otard, Henry Maitland Kersey, Edouard Rasson, Hon. Senator Raoul Dandurand, Hon. R. Lemieux.

Secretary-Treasurer: W. F. Prior, 53 Boulevard de la Liberte, Lille, France.

Assistant General Manager: G. A. Vissac, Blairmore, Alberta.

General Superintendent: Raoul Green, Blairmore, Alberta.

Bellevue Mine (Mine No. 87)

Mine Office: Bellevue, Alberta.

Mine Manager: L. P. Robert, Bellevue, Alberta.

Overman: A. Hallworth.

Assistant Overman: N. McDonald.

Examiners: H. Blake, J. Radford, G. Cousens, S. Richards, D. Hutton, H. Hutton, J. Milnes, N. Evans, H. Smith, W. Prescott, T. Nanson and G. Coupland.

Surveyor: M. Piard, Bellevue.

Master Mechanic: A. B. Carr.

Location of Mine: No. 1, L.S. 10, Sec. 20, Tp. 7, Rge. 3, W. of 5th Mer.

Area: 1,880 acres.

Character of Coal: Bituminous.

Improvements and developments for the year 1923: the erection of a machine shop; installation of a Keith fan with a capacity of 100,000 cubic feet; also an electrically operated centrifugal pump.

Greenhill Mine (Mine No. 396)

Mine Office: Blairmore, Alberta.

Mine Manager: Raoul Green, Blairmore, Alberta.

Overman: W. G. Pearson, Blairmore, Alberta.

Examiners: J. McAndrews, T. Smith, M. Joyce, W. North, R. Hays,
D. Kemp, J. A. McDonald, C. Thomason, J. Patterson, M. Hamilton,
T. Barnes, Dan Rees and C. Cartwright.

Master Mechanic: John McPhail.

Mine Surveyor: M. H. Congdon.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 2, Tp. 8, Rge. 4, W. of the 5th Mer.

Area: 2,400 acres.

Character of Coal: Bituminous.

The following improvements and additions were made to the plant during the year 1923.

A No. 55 Keith fan, electrically operated, installed to ventilate No. 5 mine, also time office and lamp house have been erected at this mine. Installation of boilers at tippie for the purpose of heating the tippie. Railroad track scales have been installed near the tippie.

A rock tunnel is being driven from No. 1 to No. 2 seam at No. 5 level; also a slope has been started from No. 5 level in No. 1 seam.

International Coal & Coke Company, Limited (Mine No. 88)

Mine Office: Coleman, Alberta.

Head Office: Coleman, Alberta.

Authorized Capital: \$3,000,000.00.

President: A. C. Flumerfelt.

Vice-President: H. Davidson.

Directors: A. C. Flumerfelt, H. Davidson, James Black, R. W. Riddell
and C. S. Houghton.

Secretary: E. Scowcroft.

Treasurer: Joseph Emmerson.

General Manager: O. E. S. Whiteside.

Mine Manager: David Davies.

Overman: John Cox.

Examiners: A. J. Brown, R. M. Greenhalgh, T. Flynn, J. C. Richards,
T. Badham, R. Baker, J. Hatfield.

Mine Surveyor: L. Lindoe.

Master Mechanic: James Scott.

Location of Mine: Sec. 8, Tp. 8, Rge. 4, W. of the 5th Mer.

Area: 4,410 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the plant during the year 1923.

The slope in the North mine has been extended to a total length of 1,830 feet. The rock tunnel has been connected from No. 2 seam to No. 4 seam, at a distance of 240 feet.

Telephone system connecting the office with the hoist house on the surface, the electric pump house and the landing at B. level in No. 8 North mine. One hundred Oldham electric lamps of the cap type together with motor generator set and electric magnets. A cooling plant for the high pressure air system at the power house. Construction of 1,400 feet of cribbing for protection against flooding the plant by the Crow's Nest river. Construction of brick and concrete powder magazine. A fire occurred destroying the power and boiler house in November, 1922, which necessitated the reconstruction of the buildings and changes in the mechanical installation as follows: Rebuilding of both low and high pressure air compressor houses; the installation of a 200 h.p. electric motor for the operation of the low pressure air compressor.

Mohawk Bituminous Mines, Limited (Mine No. 133)

Mine Office: Bellevue, Alberta.

Manager: Hector McDonald.

Examiner: James Cardle.

Mine Surveyor: M. Piard.
 Authorized Capital: \$150,000.
 Location of Mine: S.E. $\frac{1}{4}$ Sec. 21, Tp. 7, Rge. 3, W. of the 5th Mer.
 Area: 640 acres. Character of Coal: Bituminous.
 There were no improvements or additions to the plant during the year 1923.

McGillivray Creek Coal & Coke Company, Limited (Mine No. 204)

Mine Office: Coleman, Alberta.
 Head Office: Coleman, Alberta.
 Authorized Capital: \$3,000,000.00.
 President: James A. Nowell, St. Paul, Minn.
 Vice-President: Lorne A. Campbell, Rossland, B.C.
 Directors: Jas. A. Nowell, Lorne A. Campbell, L. C. Simons, Fitzhugh Burns, and George Kellock.
 Secretary-Treasurer: Albert F. Short, Coleman, Alberta.
 General Manager: George Kellock.
 Mine Manager: David Davidson.
 Overmen: J. O. C. McDonald, A. Dewar, James Kellock, and H. Gate.
 Mine Examiners: T. Parry, R. Holmes, I. A. James, Wm. Hopkins, R. Tennant, and J. Hopkins.
 Mine Surveyor: Wm. E. G. Hall.
 Master Mechanic: H. McLeod.
 Location of Mine: S.E. $\frac{1}{4}$ Sec. 17, Tp. 8, Rge. 4, W. of the 5th Mer.
 Area: 1,950 acres. Character of Coal: Bituminous.
 The following improvements and additions have been made to the plant during the year 1923.
 One 500 h.p. Ingersoll-Rand hoist, electrically operated, and an addition to the washhouse.

PINCHER CREEK DISTRICT—DISTRICT NO. 2

Estill Coal Mining Company, Limited (Mine No. 76)

Mine Office: Lundbreck, Alberta.
 President and General Manager: L. Estill.
 Vice-President: R. Estill.
 Secretary-Treasurer: Mr. Myrtle.
 Overman: Charles Simister.
 Surveyor: J. L. Parker.
 Location of Mine: L.S. 11, Sec. 23, Tp. 7, Rge. 2, W. of the 5th Mer.
 Character of Coal: Sub-Bituminous.
 A new tippie has been built and a slope driven on to same.

McDowall Bros. (Mine No. 199)

Mine Office: Beaver Mines, Alberta.
 Operators: McDowall Bros.
 Overman: Archie McDowall.
 Location of Mine: N.E. $\frac{1}{4}$ Sec. 3, Tp. 6, Rge. 2, W. of the 5th Mer.
 Area: 40 acres. Character of Coal: Sub-Bituminous.
 This mine is at present closed.

J. H. Owens (Mine No. 295)

Mine Office: Pincher Creek, Alberta.
 Operator: J. H. Owens.
 Overman: J. H. Owens.
 Surveyor: M. Piard, Bellevue.
 Location of Mine: N.W. $\frac{1}{4}$ Sec. 10, Tp. 5, Rge. 1, W. of the 5th Mer.
 Area: 40 acres. Character of Coal: Sub-Bituminous.
 There have been no improvements during the year.

Richard Murtland. (Mine No. 715)

Mine Office: Pincher Creek, Alberta.
 Operator: Richard Murtland.
 Overman: Richard Murtland.
 Surveyor: M. Piard, Bellevue, Alberta.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 16, Tp. 5, Rge. 1, W. of the 5th Mer.
 Area: 40 acres. Character of Coal: Sub-Bituminous.
 There have been no improvements made on this property during the year.

Messrs. Marlow & Gardner. (Mine No. 1083)

Mine Office: Lundbreck, Alberta.
 Operator: Marlow & Gardner.
 Overman: R. E. Marlow.
 Mine Surveyor: J. L. Parker.
 Area: 40 acres. Character of Coal: Sub-Bituminous.
 Location of Mine: N.E. $\frac{1}{4}$ Sec. 25, Tp. 7, Rge. 2, W. of the 5th Mer.
 This mine is entered by a drift driven on the strike of the coal from a coulee.

Patton Coal Mine. (Mine No. 1096)

Mine Office: Lundbreck, Alberta.
 Operator: J. L. Patton.
 Overman: Thomas Tonge.
 Mine Surveyor: J. L. Parker.
 Location of Mine: L.S. 15, Sec 26, Tp. 7, Rge. 2, W. of the 5th Mer.
 Area: 100 acres. Character of Coal: Sub-Bituminous.
 This mine is entered by a slope driven on a pitch of 20 degrees. A small tipple has been built for supplying coal to local trade.

Frederick Louis Mouysset. (Mine No. 1108)

Mine Office: Maycroft.
 Overman: F. L. Mouysset.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 32, Tp. 10, Rge. 2, W. of the 5th Mer.
 Character of Coal: Sub-Bituminous.
 The seam is two feet thick. This mine will be operated as a stripping pit.

LETHBRIDGE DISTRICT—DISTRICT NO. 3

*Department of Natural Resources, Canadian Pacific Railway Company
(Mine No. 3)*

Mine Office: Lethbridge.
 Head Office: Montreal.
 President: E. W. Beatty.
 Vice-President: Grant Hall.
 Directors: E. W. Beatty, Hon. Frederick L. Beique, Grant Hall, Sir Herbert S. Holt, C. R. Hosmer, Col. Frank S. Meighen, Sir Vincent Meredith, Sir Augustus M. Nanton, Sir Edmund B. Osler, J. K. L. Ross, Hon. Wm. J. Shaughnessy, Sir Thomas Skinner, W. N. Tilley, K.C.
 Secretary: Ernest Alexander.
 Treasurer: H. E. Suckling.
 General Manager: P. L. Naismith.
 General Superintendent: Lewis Stockett.
 Mine Manager: Robert Livingstone.
 Mine Surveyor: W. Meldrum.
 Area: 15,115 acres. Character of Coal: Domestic.

(No. 3 MINE)

Overmen: John C. Livingstone, George Coutts.
 Examiners: John Parkes, A. Parkes, L. E. Huff, Charles Hogg.
 Master Mechanic: John Scott.
 Location of Mine: L.S. 13 Sec. 6, Tp. 9, Rge. 21, W. of the 4th Mer.

(No. 6 MINE)

Overman: Wm. Crawford.

Examiners: B. Coutts, J. A. Cooper, R. Clark, J. Hamilton, T. Mossey, J. Moore, J. McGowan, J. Stewart, G. Hargreaves, W. Goldie, J. Miller, T. Worthington, W. Clelland, T. McGregor, T. Garrett.

Master Mechanic: J. A. Carruthers.

Location of Mine: L.S. 15, Sec. 18, Tp. 9, Rge. 21, W. of the 4th Mer.

The Lethbridge seam which is being worked has a thickness of 4 feet 4 inches, with shale roof and pavement, and is worked on the room and pillar system, all coal being undercut by compressed air machines of the Puncher type.

No improvements or additions have been made to this mine during the year 1923.

C. S. Donaldson Coal Company. (Mine No. 54)

Mine Office: Lethbridge.

Manager and Mine Surveyor: C. S. Donaldson.

Examiners: F. Thackeray, W. White.

Location of Mine: L.S. 5, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

The following improvements and additions have been made to this mine during the year 1923.

The tippie at this mine was washed away by the river when in flood, a new tippie has been erected replacing same; also an electric hoist has been installed to operate the aerial tramway.

Consolidated Diamond Collieries, Limited. (Mine No. 104)

Mine Office: Diamond City.

Managing Director: Melvin E. Jackson.

Overman: John Bamling.

Location of Mine: Sec. 6, Tp. 9, Rge. 22, W. of the 4th Mer.

Area: 441 acres.

Character of Coal: Domestic.

This mine was reopened about November 10th, 1923, after being abandoned since 1919.

North American Collieries, Limited. (Mine No. 174)

Mine Office: Coalhurst.

Head Office: 908 Lancaster Building, Calgary, Alberta.

Authorized Capital: \$1,000,000.00.

President: H. A. Lovett, K.C.

Vice-President: C. M. Hall.

Directors: J. W. Pyke, R. M. Ballantyne, N. Curry, J. M. Mackie.

Secretary-Treasurer: T. C. Boyd.

Business Manager: G. Brockbank.

Mine Manager: D. H. Quigley.

Overman: J. D. Keith.

Assistant Overmen: A. Birse, R. Heap.

Examiners: M. McNab, C. Peacock, James Lindsay, John Lindsay, J. Ferguson, S. Dixon, J. Knox.

Mine Surveyor: C. B. Atkins.

Master Mechanic: W. McMahon.

Location of Mine: L.S. 2, Sec. 21, Tp. 9, Rge. 22, W. of the 4th Mer.

Area: 8,000 acres.

Character of Coal: Domestic.

Owner of Property: North American Collieries, Limited.

This mine is located at Coalhurst, north-west of Lethbridge.

The Lethbridge seam which is being worked, has a thickness of 4 feet 4 inches with shale roof and pavement.

There were no improvements or additions made at this mine during the year 1923.

City of Lethbridge. (Mine No. 102)

Mine Office: Lethbridge.

Overman and Mine Surveyor: Alfred Davis.

Location of Mine: L.S. 7, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 40.7 acres.

Character of Coal: Domestic.

Owner of Property: City of Lethbridge.

The Lethbridge seam which is being worked has a thickness of 4 feet 2 inches, with shale roof and pavement, cover having a thickness of 200 feet.

The mine is entered by means of drifts from the east bank of the Belly River, and is worked on the room and pillar system, producing 40 tons per day.

The total output is used by the City of Lethbridge for the supply of the power plant and civic offices.

There were no improvements or additions made to this mine during the year 1923.

New Barnes Coal Mine Company. (Mine No. 203)

Mine Office: Royal View.

Overman: Alfred Ruffle.

Mine Surveyor: A. Davis.

Location of Mine: L.S. 9, Sec. 31, Tp. 9, Rge. 21, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

There were no improvements or additions made to his mine during the year 1923.

Chinook Coal Company, Limited. (Mine No. 247)

Mine Office: Commerce.

Head Office: Lethbridge.

Authorized Capital: \$3,000,000.00.

President: W. A. Wood.

Vice-President: Miller Lash.

Directors: W. A. Wood, Miller Lash, R. Cassles, Dr McCallum, R. Somerville.

Secretary: J. A. Ready.

Treasurer: Miller Lash.

General Manager: Hugh Crawford.

Mine Manager: A. B. Hunter.

Overman: David Jones.

Examiners: D. Phillips, R. Wolstencroft, W. Goodrich, E. Hetherington, James Wyley.

Mine Surveyor: A. B. Hunter.

Master Mechanic: W. Simpson.

Location of Mine: L.S. 7, Sec. 12, Tp. 10, Rge. 22, W. of the 4th Mer.

Area: 8,300 acres.

Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923.

Loading facilities have been rearranged so that nut coal can now be loaded in box cars.

Andrew Malloy. (Mine No. 395)

Mine Office: Picture Butte.

Overman: Andrew Malloy.

Mine Surveyor: W. Meldrum.

Location of Mine: L.S. 14, Sec. 22, Tp. 10, Rge. 21, W. of the 4th Mer.

Area: 60 acres

Character of Coal: Domestic.

The Lethbridge Coal Company, Limited. (Mine No. 676)

Mine Office: Lethbridge.

Head Office: Lethbridge.

Authorized Capital: \$150,000.00.

President: W. S. Henderson.

Vice-President: Edgar Burke.

Directors: W. S. Henderson, Edgar Burke, C. C. Cooke.

Secretary: Hugh Mclivena.

Treasurer: C. C. Cooke.

General Manager: C. C. Cooke.

Mine Manager: J. H. Turner.

Overman: A. M. Queen.

Examiners: W. Hynd, Hugh Evans.

Mine Surveyor: A. B. Cook.

Master Mechanic: F. Blasko.

Location of Mine: L.S. 12, Sec. 12, Tp. 9, Rge. 22, W. of the 4th Mer.

Area: 223 acres.

Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923.

The gasoline locomotive which was in use for hauling coal from the mine to the railroad has been abandoned, this work being done by horses.

Southern Alberta Coal Company, Limited

Mine Office: Empress Block, Lethbridge.

Head Office: 318 South Post Street, Spokane, Wash., U.S.A.

Authorized Capital: \$45,000.00.

President: W. A. Beaudry.

Directors: W. A. Beaudry, S. S. Bassett, R. G. Pritchard, W. Harrold.

Secretary-Treasurer: S. S. Bassett.

General Manager: W. A. Beaudry.

Mine Surveyor: J. F. Hamilton.

(*Mine No. 761*)

Overman: Robert Crawford.

Location of Mine: L.S. 4, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 50 acres.

Character of Coal: Domestic.

(*Mine No. 821*)

Overman: J. L. Melvin.

Location of Mine: L.S. 10, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 7 acres.

Character of Coal: Domestic.

(*Mine No. 386*) *Formerly operated by the Keystone Collieries, Ltd.*

Overman: Robert Crawford.

Mine Surveyor:

Location of Mine: L.S. 3, Sec. 36, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 25 acres.

Character of Coal: Domestic.

The Lethbridge seam which is being worked at these mines, has a thickness of 4 feet with shale roof and pavement, the covering having a thickness of 200 feet.

They are entered by means of drifts, and are worked on the room and pillar system.

Edward Wocknitz. (Mine No. 889)

Mine Office: Lethbridge.

Overman: Edward Wocknitz.

Location of Mine: L.S. 16, Sec. 2, Tp. 8, Rge. 22, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Bateman & Gent. (Mine No. 988)

Mine Office: Hardieville.

Overman: J. Bateman.

Location of Mine: L.S. 16, Sec. 31, Tp. 9, Rge. 21, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Depth of Cover: 50 feet.

Pioneer Coal Company. (Mine No. 993)

Mine Office: Lethbridge.

Overman: J. B. Smith.

Location of Mine: L.S. 5, Sec. 11, Tp. 8, Rge. 22, W. of the 4th Mer.

Thickness of Seam: 2 feet.

Character of Coal: Domestic.

Robert McIlwaine. (Mine No. 1045)

Mine Office: Lethbridge.

Overman: R. McIlwaine.

Location of Mine: L.S. 15, Sec. 2, Tp. 8, Rge. 22, W. of the 4th Mer.

Prospecting work only has been done at this mine.

The Oregon Ranching & Sheep Company, Limited. (Mine No. 1092)

Mine Office: Lethbridge.

President and General Manager: P. M. Scroggins.

Secretary-Treasurer: Ralph Scroggins.

Overman: George Roberts.

Area: 160 acres.

Character of Coal: Domestic.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 24, Tp. 9, Rge. 22, W. of the 4th Mer.

A shaft is being sunk.

John Suran. (Mine No. 1095)

Mine Office: Hardieville.

Overman: John Suran.

Location of Mine: L.S. 9, Sec. 30, Tp. 9, Rge. 21, W. of the 4th Mer.

Area: 90 acres.

Character of Coal: Domestic.

This mine is being opened up by a slope driven from the bottom of a coulee, on a grade of one in three.

George Hamilton. (Mine No. 1109)

Mine Office: Lethbridge.

Overman: George Bourne.

Location of Mine: L.S. 8, Sec. 31, Tp. 9, Rge. 21, W. of the 4th Mer.

Area: 30 acres.

Character of Coal: Domestic.

This mine is entered by means of drifts driven in from the river bottom.

George Hamilton. (Mine No. 1110)

Mine Office: Lethbridge.

Overman: Henry Farrar.

Location of Mine: L.S. 2, Sec. 21, Tp. 9, Rge. 22, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Prospect slope is being sunk on this property.

MAGRATH DISTRICT—DISTRICT NO. 4

R. J. Baker. (Mine No. 56)

Mine Office: Magrath.

Overman: A. Bembridge.

Location of Mine: L.S. 2, Sec. 7, Tp. 7, Rge. 21, W. of the 4th Mer.

This mine was re-opened during the year 1923.

John Rollingson. (Mine No. 409)

Mine Office: Magrath.

Overman: John Rollingson.

Mine Surveyor: J. H. Turner.

Location of Mine: L.S. 4, Sec. 17, Tp. 7, Rge. 21, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 75 feet.

B. Welsh. (Mine No. 981)

Mine Office: Magrath.
 Overman: B. Welsh.
 Mine Surveyor: J. H. Turner.
 Location of Mine: L.S. 13, Sec. 8, Tp. 7, Rge. 21, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet. Thickness of Cover: 80 feet.

H. B. Hughson. (Mine No. 984)

Mine Office: Magrath.
 Overman: H. B. Hughson.
 Location of Mine: Sec. 1, Tp. 7, Rge. 22, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.

J. H. Wall. (Mine No. 1020)

Mine Office: Raymond.
 Overman: A. Rossolini.
 Location of Mine: L.S. 4, Sec. 7, Tp. 7, Rge. 21, W. of the 4th Mer.
 This mine is, at present, closed.

(Mine No. 1066 is consolidated with Mine No. 1086)

Benjamin Oliver. (Mine No. 1086)

Mine Office: Magrath.
 Overman: B. Oliver.
 Mine Surveyor: J. H. Turner.
 Location of Mine: L.S. 5, Sec. 8, Tp. 7, Rge. 21, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 This mine is entered by means of drifts driven in from the coulee with
 a thickness of three feet.

MILK RIVER DISTRICT—DISTRICT NO. 5

Steve Balog. (Mine No. 170)

Mine Office: Milk River.
 Overman: S. Balog.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 2, Sec. 6, Tp. 3, Rge. 15, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 50 feet.

Milk River Colliery Company. (Mine No. 271)

Mine Office: Milk River.
 Overman: Geo. Bradley.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 5, Sec. 26, Tp. 2, Rge. 16, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 35 feet.

D. G. McKay. (Mine No. 279)

Mine Office: Milk River.
 Overman: E. Holliyer.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 3, Sec. 1, Tp. 3, Rge. 16, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 40 feet.

Evan Evans. (Mine No. 316)

Mine Office: Cardston.
Overman: Evan Evans.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 12, Sec. 26, Tp. 2, Rge. 26, W. of the 4th Mer.
Area: 302 acres. Character of Coal: Domestic.
Thickness of Seam: 12 feet.

Evan T. Davies. (Mine No. 381)

Mine Office: Lucky Strike.
Overman: Evan T. Davies.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 13, Sec. 6, Tp. 3, Rge. 11, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches. Thickness of Cover: 50 feet.

Mary Gould. (Mine No. 421)

Mine Office: Groton.
Overman: P. Goodie.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 10, Sec. 10, Tp. 3, Rge. 11, W. of the 4th Mer.
Area: 22½ acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 9 inches. Thickness of Cover: 50 feet.

A. H. McAlpine. (Mine No. 644)

Mine Office: Lucky Strike.
Overman: J. H. McAlpine.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 6, Sec. 1, Tp. 3, Rge. 12, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 50 feet.

John C. Pacey. (Mine No. 803)

Mine Office: Manyberries.
Overman: John C. Pacey.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 7, Sec. 24, Tp. 3, Rge. 7, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 20 feet.

Henry Noble. (Mine No. 855)

Mine Office: Cardston.
Overman: Henry Noble.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 11, Sec. 15, Tp. 1, Rge. 26, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 9 inches.

Bradley & Walters. (Mine No. 881)

Mine Office: Lucky Strike.
Overman: J. W. Carlson.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 11, Sec. 10, Tp. 3, Rge. 11, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 70 feet.

Comrey Coal Company. (Mine No. 965)

Mine Office: Comrey.

Overman: Thomas Steegstra.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 9, Tp. 2, Rge. 6, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 200 feet.

W. H. Vair. (Mine No. 996)

Mine Office: Boundary Creek.

Overman: J. H. Vair.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 29, Tp. 1, Rge. 26, W. of the 4th Mer.

Character of Coal: Domestic.

Wm. Hartley. (Mine No. 1011)

Mine Office: Stirling.

Overman: Wm. Hartley.

Mine Surveyor: J. H. Turner.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 34, Tp. 5, Rge. 15, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 40 feet.

This mine is closed.

Alex. Noble. (Mine No. 1009)

Mine Office: Boundary Creek.

Overman: Alex. Noble.

Location of Mine: L.S. 4, Sec. 22, Tp. 1, Rge. 26, W. of the 4th Mer.

J. H. McHugh. (Mine No. 1040)

Mine Office: Hillspring.

Location of Mine: Sec. 3, Tp. 4, Rge. 27, W. of the 4th Mer.

This mine is being operated on the Blood Indian Reserve.

Thomas Taylor. (Mine No. 1105)

Mine Office: Lucky Strike.

Overman: T. Taylor.

Location of Mine: Sec. 10, Tp. 3, Rge. 11, W. of the 4th Mer.

Character of Coal: Domestic.

TABER DISTRICT—DISTRICT NO. 6

Bay Coal Company, Limited. (Mine No. 82)

Manager and Overman: E. M. LeBlanc.

Location of Mine: Sec. 8, Tp. 10, Rge. 16, W. of the 4th Mer.

Authorized Capital: \$40,000.

Character of Coal: Domestic.

Two shafts have been sunk and a connection is being made underground. The seam has a thickness of 4 feet 7 inches with a band of shale 15 inches thick in the centre. The coal is undercut by compressed air operated machines of the Puncher type.

Joseph Ferens. (Mine No. 987)

Mine Office: Taber.

Overman: Joseph Ferens.

Location of Mine: L.S. 8, Sec. 11, Tp. 10, Rge. 17, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

This mine is closed.

Majestic Coal Company, Limited. (Mine No. 105)

Mine Office: Taber.
Head Office: Taber.
President: D. N. Finnie.
Secretary-Treasurer: W. E. Forsyth.
Manager: E. S. F. Huntrods.
Overman: E. Marsh.
Mine Surveyor: E. S. F. Huntrods.
Master Mechanic: W. F. Henry.
Authorized Capital: \$1,500,000.

Location of Mine: L.S. 7, Sec. 31, Tp. 9, Rge. 16, W. of the 4th Mer.
Area: 11,200 acres. Character of Coal: Domestic.

This mine was formerly operated by the Canada West Coal Company, Limited.

Canadian Pacific Railway Company. (Mine No. 132)

Mine Office: Taber.
Overman: Samuel Shawcross.
Location of Mine: L.S. 14, Sec. 7, Tp. 10, Rge. 16, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

Owner of the Property: Canadian Pacific Railway Co., Lethbridge.

The coal from this mine is used in connection with the pumping plant, supplying water to the Canadian Pacific Railway water tank at Taber.

Edward Oliver. (Mine No. 170)

Mine Office: Elcan.
General Manager: E. Oliver.
Overman: W. R. Hughes.
Mine Surveyor: E. S. F. Huntrods.
Master Mechanic: B. Johnson.
Location of Mine: L.S. 14, Sec. 3, Tp. 10, Rge. 17, W. of the 4th Mer.
Area: 180 acres. Character of Coal: Domestic.

Owner of Property: The Rock Springs Coal & Brick Co. Ltd., Taber.

There were no improvements or additions made to this mine during the year 1923.

Regal Collieries. (Mine No. 228)

Mine Office: Taber.
Head Office: Taber.
General Manager: A. Bilteryst.
Overman: W. R. Foster.
Examiner: Dave Miller.
Mine Surveyor: Jean Bilteryst.
Master Mechanic: W. Duncombe.

Location of Mine: L.S. 8, Sec. 19, Tp. 10, Rge. 16, W. of the 4th Mer.

There were no improvements or additions made to this mine during the year 1923.

Domestic Coal Company. (Mine No. 669)

Mine Office: Taber.
Overman: E. Oliver.
Mine Surveyor: E. S. F. Huntrods.
Location of Mine: L.S. 3, Sec. 1, Tp. 10, Rge. 17, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 90 feet.

There were no improvements or additions made to this mine during the year 1923.

J. Stainthorpe. (Mine No. 899)

Mine Office: Taber.
 Overman: J. Stainthorpe.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 15, Sec. 12, Tp. 10, Rge. 16, W. of the 4th Mer.
 Area: 16 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 70 feet.

Samuel Dunn & Thomas Causey. (Mine No. 909)

Mine Office: Taber.
 Overman: S. Dunn.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 11, Sec. 18, Tp. 10, Rge. 16, W. of the 4th Mer.
 Area: 30 acres. Character of Coal: Domestic.

Henry Miller. (Mine No. 1010)

Mine Office: Taber.
 Overman: Henry Miller.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 15, Sec. 36, Tp. 10, Rge. 17, W. of the 4th Mer.
 Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches.

Wm. Valgardson. (Mine No. 1073)

Mine Office: Taber.
 Overman: Wm. Valgardson.
 Location of Mine: N.W. $\frac{1}{4}$ Sec. 18, Tp. 10, Rge. 16, W. of the 4th Mer.
 Character of Coal: Domestic.

Barnwell Community Mine Company. (Mine No. 1079)

Mine Office: Barnwell.
 Overman: W. Doram.
 Location of Mine: L.S. 1, Sec. 9, Tp. 10, Rge. 17, W. of the 4th Mer.
 Character of Coal: Domestic.
 The seam is 30 inches thick with 10 inches of bone overlying the coal.
 The maximum of cover is 70 feet.

Bland, Shapley & Bennett. (Mine No. 1088)

Mine Office: Taber.
 Overman: H. O. Bland.
 Location of Mine: Sec. 30, Tp. 10, Rge. 16, W. of the 4th Mer.
 Character of Coal: Domestic.

Renfrew Coal Company. (Mine No. 1122)

Mine Office: Taber.
 Operators: Huntrods & Henry.
 Overman: Joseph Gidman.
 Mine Surveyor: E. S. F. Huntrods.
 Location of Mine: L.S. 2, Sec. 1, Tp. 10, Rge. 17, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.

Oliver Coal Company, Limited. (Mine No. 1124)

Mine Office: Taber.
 Overman: Edward Oliver.
 Location of Mine: L.S. 5, Sec. 1, Tp. 10, Rge. 17, W. of the 4th Mer.
 Character of Coal: Domestic.
 Prospecting work only is being done.

BOW ISLAND DISTRICT—DISTRICT NO. 7

Wasył Kusnir. (Mine No. 180)

Mine Office: Grassy Lake.

Overman: W. Kusnir.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 13, Sec. 23, Tp. 9, Rge. 13, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 30 feet.

Carlo Perini. (Mine No. 341)

Mine Office: Prospery P.O.

Overman: Carlo Perini.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 9, Sec. 3, Tp. 8, Rge. 8, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet 8 inches.

Thickness of Cover: 60 feet.

George Gibson & Son. (Mine No. 377)

Mine Office: Grassy Lake.

Overman: G. S. Gibson.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 25, Tp. 9, Rge. 13, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 3 inches.

Thickness of Cover: 50 feet.

Louis Santoni. (Mine No. 448)

Mine Office: Bow Island.

Overman: Louis Santoni.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 7, Sec. 36, Tp. 11, Rge. 11, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Cover: 120 feet.

Dominic Annon. (Mine No. 672)

Mine Office: Winnifred P.O., Alberta.

Overman: Dominic Annon.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 3, Sec. 27, Tp. 12, Rge. 10, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 30 feet.

A. J. Cutland. (Mine No. 691)

Mine Office: Grassy Lake.

Overman: Alfred Jackson.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 15, Sec. 23, Tp. 9, Rge. 13, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 30 feet.

Jules Lavenne. (Mine No. 751)

Mine Office: Winnifred P.O.

Overman: Jules Lavenue.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 2, Sec. 27, Tp. 12, Rge. 10, W. of the 4th Mer.

Area: 60 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet 6 inches.

Thickness of Cover: 100 feet.

THE MINES BRANCH

H. E. Perry. (Mine No. 934)

Mine Office: Burdett.
 Location of Mine: L.S. 10, Sec. 36, Tp. 11, Rge. 11, W. of the 4th Mer.
 This mine is closed.

Geo. C. Dock. (Mine No. 944)

Mine Office: Etzikom.
 Location of Mine: L.S. 16, Sec. 10, Tp. 7, Rge. 9, W. of the 4th Mer.
 This mine is closed.

Vittorio Carriani. (Mine No. 1003)

Mine Office: Maleb.
 Overman: Vittorio Carriani.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 13, Sec. 6, Tp. 8, Rge 10, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 35 feet.

Peter Barr. (Mine No. 1031)

Mine Office: Bow Island.
 Overman: Peter Barr.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 14, Sec. 22, Tp. 12, Rge. 10, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 150 feet.

Robert H. Walker & Son. (Mine No. 1097)

Mine Office: Grassy Lake.
 Overman: R. H. Walker.
 Location of Mine: L.S. 8, Sec. 26, Tp. 9, Rge. 13, W. of the 4th Mer.
 Character of Coal: Domestic.
 This mine is entered by a slope. The coal has a thickness of 5 feet.

J. Roth. (Mine No. 1114)

Mine Office: Etzikom.
 Overman: J. Roth.
 Location of Mine: L.S. 16, Sec. 30, Tp. 7, Rge. 8, W. of the 4th Mer.
 Character of Coal: Domestic.

MEDICINE HAT DISTRICT—DISTRICT NO. 8

Redcliff Brick & Coal Company, Limited

Mine Office: Redcliff.
 Head Office: Minneapolis, Minn., U.S.A.
 Authorized Capital: \$900,000.00.
 Vice-President: F. H. Peterson.
 Directors: C. H. Kohler, W. P. Christian, S. H. Williams, F. H. Peterson, H. N. Owen, H. M. Leighton, E. Hoidale, E. H. Sellhorn, A. B. Cutts, M. J. Gunderson, J. S. McLean.
 Secretary: S. H. Williams.
 Treasurer: E. Hoidale.
 General Manager: E. H. Sellhorn.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 5, Tp. 13, Rge. 6, W. of the 4th Mer.
 Area: 10.083 acres. Character of Coal: Domestic.
 Owner of Property: Redcliff Brick & Coal Company, Limited.

(Mine No. 165) COAL MINE

Overman: J. M. Stratton.
 There were no improvements or additions made to the mine during the year 1923.

(Mine No. 765) SHALE MINE

Overman: J. M. Stratton.

There were no improvements or additions made to the mine during the year 1923.

A seam of shale 9 feet thick is being worked at this mine, the product being utilized in the manufacturing of bricks.

Redcliff Premier Brick Company, Limited. (Mine No. 332)
(Formerly the Ross Clay Products Co., Ltd.) Shale Mine

Location of Mine: N.W. $\frac{1}{4}$ Sec. 9, Tp. 13, Rge. 6, W. of the 4th Mer.

This is a stripping pit where 18 feet of dirt is removed to uncover a seam of shale 14 feet thick. The product being utilized in the manufacturing of bricks.

Redcliff Pressed Brick Company, Limited. (Mine No. 379)

Mine and Head Office: Redcliff.

Authorized Capital: \$150,000.00.

Vice-President: James Mitchell.

Directors: James Hargreaves, A. W. Woodcock, James Mitchell, H. G.

Sheasby, Dr. J. C. Hargreaves, H. J. Sissons.

Secretary-Treasurer and General Manager: Herbert J. Sissons.

Overman: Andrew Learmonth.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 9, Tp. 13, Rge. 6, W. of the 4th Mer.

Area: 40 acres.

This mine is worked for producing shale, which is used in the brick plant, the seam is 14 feet in thickness, with 18 feet of cover.

Walter Reville. (Mine No. 602)

Mine Office: Little Plume.

Overman: W. Reville.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 11, Sec. 2, Tp. 9, Rge. 5, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

George Bragdich. (Mine No. 689)
(Stripping Pit)

Mine Office: Thelma.

Overman: G. Bragdich.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 18, Tp. 7, Rge. 2, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 10 feet.

Thickness of Cover: Varying from 5 feet to 20 feet.

Fred Rataushk. (Mine No. 718)

Mine Office: Eagle Butte.

Overman: Fred Rataushk.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 15, Sec. 28, Tp. 8, Rge. 4, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

John Oliphant. (Mine No. 772)

Mine Office: 559 First St., Medicine Hat, Alberta.

Overman: John Oliphant.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$750,000.

Location of Mine: L.S. 2, Sec. 5, Tp. 13, Rge. 6, W. of the 4th Mer.
 Area: 1,440 acres. Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923:

A washhouse has been completed at this plant during the year.

Fred Whittlesea. (Mine No. 838)

Mine Office: Suffield.

Overman: Fred Whittlesea.

Location of Mines: L.S. 7, Sec. 28, Tp. 12, Rge. 10, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 2 inches.

Thickness of Cover: 120 feet.

Henry Last. (Mine No. 925)

Mine Office: Elkwater.

Overman: John Hart.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 16, Sec. 23, Tp. 8, Rge. 3, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Jacob J. Schock. (Mine No. 925)

(Stripping Pit)

Mine Office: Thelma.

Location of Mine: L.S. 15, Sec. 12, Tp. 7, Rge. 3, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 5 feet to 20 feet.

Aaron Smith & D. Turner. (Mine No. 936)

Mine Office: Suffield.

This mine is closed.

Gust Kasper & Olaf Olsen. (Mine No. 1077)

Mine Office: Bingville.

Overman: Gust Kasper.

Location of Mine: L.S. 3, Sec. 11, Tp. 17, Rge. 5, W. of the 4th Mer.

Character of Coal: Domestic.

The seam being worked at this mine has a sandstone roof and shale floor, and has the following section: Coal 1 foot, clay 4 inches, coal 2 feet. The workings are entered by means of two levels driven in the coal from the banks of the river.

W. F. Morrison. (Mine No. 1116)

Mine Office: Little Plume.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 35, Tp. 8, Rge. 5, W. of the 4th Mer.

Prospecting work only.

ALDERSYDE DISTRICT—DISTRICT NO. 9

George Rhodes. (Mine No. 136)

Mine Office: Long Coulee.

Overman: George Rhodes.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 7, Sec. 8, Tp. 15, Rge. 22, W. of the 4th Mer.

Area: 10 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet.

Thickness of Cover: 80 feet.

Charles Farrell. (Mine No. 151)

Mine Office: Reid Hill.
Overman: Charles Farrell.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 15, Sec. 24, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet. Thickness of Cover: 30 feet.

G. W. Barwell. (Mine No. 224)

Mine Office: Long Coulee.
Overman: G. W. Barwell.
Location of Mine: L.S. 16, Sec. 29, Tp. 16, Rge. 21, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 6 inches. Thickness of Cover: 30 feet.

J. W. Ashmore & Sons. (Mine No. 296)

Mine Office: Champion.
Overman: W. E. Watkins.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 1, Sec. 8, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 40 feet.

W. J. Douglas. (Mine No. 476)

Mine Office: Champion.
Overman: W. J. Douglas.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 9, Sec. 33, Tp. 15, Rge. 23, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 35 feet.

H. McNaughton. (Mine No. 739)

Mine Office: Champion.
Overman: W. E. Watkins.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 4, Sec. 9, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet.

Alec Fraser. (Mine No. 758)

Mine Office: Carmangay.
Overman: Alec Fraser.
Mine Surveyor: J. H. Turner.
Location of Mine: L.S. 14, Sec. 25, Tp. 14, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 2 feet 3 inches. Thickness of Cover: 85 feet.

James Ellis. (Mine No. 910)

Mine Office: Champion.
Overman: James Ellis.
Mine Surveyor: J. A. H. Church.
Location of Mine: L.S. 1, Sec. 4, Tp. 16, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

Austin C. Brown. (Mine No. 1023)

Mine Office: Milo.

Overman: J. A. Batie.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 27, Tp. 19, Rge. 21, W. of the 4th Mer.

Character of Coal: Domestic.

A shaft was sunk to a depth of 104 feet. Work was discontinued and the mine is now abandoned.

Frederick Hetherington. (Mine No. 1112)

Mine Office: Carmangay.

Overman: F. Hetherington.

Location of Mine: L.S. 9, Sec. 9, Tp. 14, Rge. 23, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 2 feet 6 inches.

HIGH RIVER DISTRICT—DISTRICT NO. 10

McPherson & Berkovich. (Mine No. 30)

Mine Office: Black Diamond.

Overman: P. Berkovich.

Location of Mine: L.S. 13, Sec. 8, Tp. 20, Rge. 2, W. of the 5th Mer.

Area: 240 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 8 feet.

Edward Little. (Mine No. 858)

Mine Office: Longview.

This mine is closed.

Wm. Kummer. (Mine No. 924)

Mine Office: Longview.

Overman: Wm. Kummer.

Location of Mine: L.S. 14, Sec. 8, Tp. 18, Rge. 2, W. of the 5th Mer.

Area: 40 acres.

Character of Coal: Sub-Bituminous.

Francis Du Rocher. (Mine No. 1004)

Mine Office: High River.

Overman: Francis DuRocher.

Mine Surveyor: G. L. Kidd.

Character of Coal: Sub-Bituminous.

Location of Mine: L.S. 3, Sec. 8, Tp. 18, Rge. 2, W. of the 5th Mer.

The mine is entered by means of a slope.

Ernest Skeen. (Mine No. 1061)

Mine Office: Nanton.

Overman: J. H. Boyce.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 35, Tp. 14, Rge. 4, W. of the 5th Mer.

Character of Coal: Sub-Bituminous.

The seam being worked is 15 feet thick, with shale hanging wall and foot wall, and rises on an inclination of 35 degrees. All the output is disposed of locally.

CALGARY DISTRICT—DISTRICT NO. 11

Fish Creek Coal Company. (Mine No. 361)

Mine Office: Priddis.

Overman: E. Hargreaves.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 7, Tp. 22, Rge. 3, W. of the 5th Mer.

Area: 160 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 6 feet.

Thickness of Cover: 30 feet.

Priddis Collieries. (Mine No. 916)

Mine Office: Priddis.
 Overman: L. Ormberg.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 20, Tp. 22, Rge. 3, W. of the 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 6 feet. Thickness of Cover: 100 feet.

CANMORE DISTRICT—DISTRICT NO. 12

Canmore Coal Company, Limited. (Mine No. 2)

Mine Office: Canmore.
 Head Office: Minersville, Pa.
 Authorized Capital: \$50,000.00.
 President: Jas. B. Neale.
 Secretary: Jas. Collins.
 Directors: Jas. B. Neale, S. B. Thorne, J. G. Thorp, Dr. Hayes, B. F. Crane, A. Stewart.
 Operating Officer: M. B. Morrow.
 Manager: Wm. Musgrove.
 Overmen: Stewart Seam, Wm. G. Wilson, Carey Seam, James Hill.
 Examiners: C. W. Fowers, P. M. Ramsay, Chas. Briggs, P. Hutchinson, J. Brennan, M. Warren, J. Wardrup, Jas. Reid, R. Kerr, W. Lytkowski.
 Mine Surveyor: C. S. Dewis.
 Master Mechanic: H. W. Evans.
 Location of Mine: Sec. 29, Tp. 24, Rge. 10, W. of the 5th Mer.
 Area: 7,000 acres. Character of Coal: Bituminous.

The following improvements and additions have been made to this mine during the year 1923:

Installed one high pressure air compressor, built and equipped steel tippie with a capacity of 2,000 tons per day.

BANFF DISTRICT—DISTRICT NO. 13

Department of Natural Resources, Canadian Pacific Railway Company Bankhead Mine. (Mine No. 80)

The only operation at this mine during the year was making of briquettes. This has now stopped and the mine is abandoned.

GLEICHEN DISTRICT—DISTRICT NO. 14

Blackfoot Indians. (Mine No. 72)

This mine is operated on the Blackfoot Reserve by the Indians, the entire output being disposed of locally. This reserve is south of Gleichen.

Dominic Medloski. (Mine No. 299)

Mine Office: Rosebud.
 Overman: D. Medloski.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 13, Sec. 20, Tp. 26, Rge. 21, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 3 inches. Thickness of Cover: 50 feet.

Hans Castella. (Mine No. 360)

Mine Office: Standard.
 Overman: John Scott.
 Mine Surveyor: Gordon L. Kidd.
 Location of Mine: L.S. 13, Sec. 2, Tp. 25, Rge. 22, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 9 inches. Thickness of Cover: 50 feet.

Alexander Johnson. (Mine No. 782)

Mine Office: Beynon.
 Overman: Alexander Johnson.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 31, Tp. 27, Rge. 20, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 9 inches. Thickness of Cover: 80 feet.

J. L. & Joe Debrinski. (Mine No. 815)

Mine Office: Rosebud.
 Overman: Joe Debrinski.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 13, Sec. 33, Tp. 27, Rge. 21, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

Gilbert & Dwelle. (Mine No. 857)

Mine Office: Standard.
 Overman: J. Anderson.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 5, Sec. 11, Tp. 25, Rge. 22, W. of the 4th Mer.
 Area: 120 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 9 inches. Thickness of Cover: 80 feet.

P. Stahl & J. Wurz. (Mine No. 906)

Mine Office: Rockyford.
 Overman: M. Severn.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 23, Tp. 27, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 70 feet.

J. A. Rouse. (Mine No. 1017)

Mine Office: Beynon.
 Overman: George Snarey.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 6, Tp. 28, Rge. 24, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 18 to 80 feet.
 This mine is closed.

J. Davenport. (Mine No. 1067)

Mine Office: Cluny.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 7, Tp. 22, Rge. 20, W. of the 4th Mer.
 Character of Coal: Domestic.
 A seam of coal 20 inches thick. Prospecting work only is being done.

J. C. Howe. (Mine No. 1103)

Mine Office: Cluny.
 Location of Mine: S.E. $\frac{1}{4}$ Sec. 7, Tp. 22, Rge. 21, W. of the 4th Mer.
 Character of Coal: Domestic.
 A seam of coal 22 inches thick. Prospecting work only is being done,
 the mine is closed.

W. W. Morrill. (Mine No. 1117)

Mine Office: Beynon.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 6, Tp. 28, Rge. 20, W. of the 4th Mer.
 Character of Coal: Domestic.
 Prospecting work is only being done at this mine.

DRUMHELLER DISTRICT—DISTRICT NO. 15

Newcastle Coal Company, Limited. (Mine No. 317)

Mine and Head Office: Drumheller.

Authorized Capital: \$250,000.00.

President: Jesse Gouge.

Vice-President: Wilson Gouge.

Secretary: G. M. Coyle.

Directors: Jesse Gouge, G. M. Coyle, W. Gouge.

Manager and Mine Surveyor: D. A. Macaulay.

Overman: John Conlin.

Examiners: John Eno and R. Young.

Master Mechanic: J. W. Drummond.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 9, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 400 acres.

Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923:

The underground main and tail rope haulage was extended 2,000 feet.

*Midland Collieries. (Mine No. 367)**(Operated by Eastern Trust Co. in Trust for the Bond Holders.)*

Mine Office: Midlandvale.

Authorized Capital: \$300,000.00.

General Manager: T. G. Geal.

Mine Manager and Surveyor: A. G. Macaulay.

Overman: James Nicol.

Examiners: G. Clarke, W. Marsh, A. Wilson, M. Morrison.

Location of Mine: L.S. 10, Sec. 9, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 1,240 acres.

Character of Coal: Domestic.

There were no additions or improvements made to the mine during the year 1923.

*Joseph D. Thomas Coal Company. (Mine No. 402)**(Formerly the North American Collieries, Ltd.)*

Mine Office: Nacmine.

Manager and Mine Surveyor: N. Howells.

Examiner: T. Coxon.

Location of Mine: On Road Allowance, on east side of Sec. 7, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 3,500 acres.

Character of Coal: Domestic.

Coal is undercut by electrically operated machines of the chain type.

Burton Thomas Brooks. (Mine No. 464)

Mine Office: Drumheller.

Overman: B. T. Brooks.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 4, Sec. 23, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 100 acres.

Character of Coal: Domestic.

There were no improvements made to the mine during the year 1923.

Premier Coal Company, Limited. (Mine No. 439)

This mine is abandoned.

Alberta Block Coal Company, Limited. (Mine No. 620)

Mine Office: Drumheller.

Authorized Capital: \$200,000.00.

President: G. N. Coyle.

Vice-President: Wilson Gouge.

Secretary: Jesse Gouge.

Directors: Jesse Gouge, G. N. Coyle, W. Gouge.

Mine Manager and Surveyor: D. A. Macaulay.

Overman: T. E. Moore.

Examiners: C. Chapman, A. C. Briggs, W. Briggs.

Master Mechanic: J. W. A. Drummond.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 3, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 300 acres.

Character of Coal: Domestic.

The following improvements and additions were made to the mine during the year 1923:

Two shaker screens 14 feet long have been installed.

Western Gem Coal Company, Limited. (Mine No. 678)

Mine Office: Drumheller.

Authorized Capital: \$750,000.00.

President: W. S. Henderson.

Directors: Dr. D. P. Robertson, J. A. Henderson, D. D. Christie, D.

S. Robertson, W. A. Gamble,

Manager and Mine Surveyor: A. G. Macaulay.

Overman: J. H. Marsh.

Examiners: A. Wolff, A. Guthie, A. Taylor.

Location of Mine: L.S. 13, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 320 acres

Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923:

The longwall system of working has been introduced with a face 600 feet long. One side of the wall is operated by gateways through the gob, the coal from the other half being conveyed along the face by shaker conveyors which deliver the coal onto the chain conveyor for loading the mine cars. These conveyors are electrically operated and are very satisfactory.

Atlas Coal Company, Limited. (Mine No. 684)

Mine Office: Drumheller.

Authorized Capital: \$50,000.00.

President: James Holden.

Vice-President: Omar H. Patrick.

Secretary-Treasurer: James McCulloch.

Manager: James Holden.

Overman: James McCulloch.

Examiners: A. Poole, J. Evans.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 2, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Owner of Property: Drumheller Land Company, Limited.

There were no improvements made to the mine during the year 1923.

Caledonian Collieries, Limited. (Mine No. 695)

(Formerly the Scranton Coal Company, Limited)

Mine Office: Drumheller.

Manager and Overman: W. Jordon.

Examiner: P. Gilmour.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$20,000.

Location of Mine: L.S. 5, Sec. 10, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 240 acres.

Character of Coal: Domestic.

There were no improvements made to the mine during the year 1923.

Alberta Superior Coal Company. (Mine No. 701)

This mine is abandoned.

Hy-Grade Coal Company of Drumheller, Limited. (Mine No. 776)

Mine Office: Drumheller.

Authorized Capital: \$300,000.00.

President: H. C. McConkey.

Vice-President: J. J. Best.

Managing Director: H. C. McConkey.
 Directors: D. G. Adams, T. P. Dunn.
 Manager and Mine Surveyor: H. Crowder.
 Examiner: T. G. Gordon.
 Location of Mine: L.S. 4, Sec. 11, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 200 acres. Character of Coal: Domestic.
 Owner of Property: Drumheller Land Company, Limited.
 There were no improvements made to the mine during the year 1923.

Newcastle Junior Mining Company, Limited. (Mine No. 816)

Mine Office: Drumheller.
 Head Office: Drumheller.
 Paid-up Capital: \$290,816.00.
 President: D. A. Macaulay.
 Vice-President: Wilson Gouge.
 Directors: D. A. Macaulay, W. Gouge, J. G. Gouge.
 Secretary: J. G. Dewar.
 Manager and Mine Surveyor: D. A. Macaulay.
 Overman: P. J. Murphy.
 Examiner: Peter Miller.
 Location of Mine: L.S. 9, Sec. 3, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 260 acres. Character of Coal: Domestic.
 There were no improvements or additions to the mine during the year 1923.

Elgin Coal Company, Limited. (Mine No. 819)

Mine Office: Drumheller.
 Authorized Capital: \$50,000.00.
 President: Wm. McVeigh.
 Vice-President and Secretary: H. K. Reid.
 Manager: J. D. Thomas.
 Overman: J. Fyvie.
 Examiner: D. McAskill.
 Mine Surveyor: G. L. Kidd.
 Location of Mine: L.S. 14, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 235 acres. Character of Coal: Domestic.
 The following additions and improvements were made to the mine during the year 1923:
 There have been erected a blacksmith shop, washhouse, stables and an addition to the mine office. The following have been installed: A 75 h.p. electrically operated hoist, an electrically operated box car loader of the Manierre type; a Sirocco fan electrically operated having a capacity of 80,000 cubic feet of air per minute.

Mid-West Collieries, Limited. (Mine No. 848)

Mine Office: Drumheller.
 Authorized Capital: \$250,000.00.
 Secretary-Treasurer: J. K. Valance.
 General Manager: G. G. Norstrandt.
 Manager: Francis Aspinall.
 Overman: Bernard Nugent.
 Examiners: G. McLellan, J. McDade, J. McCubbrey.
 Location of Mine: L.S. 7, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.
 Area: 400 acres. Character of Coal: Domestic.
 The following improvements and additions have been made to the mine during the year 1923.
 There have been erected storage bunkers for pea and slack coal, each having a capacity of 30 tons; also installed shaker and jigger screens, each 14 feet long.

Gibson Collieries, Limited. (Mine No. 898)

Mine Office: Drumheller.

Authorized Capital: \$250,000.00.

President: A. H. Gibson.

Secretary: H. C. McConkey.

Manager: Francis Aspinall.

Overman: J. Watkins.

Examiner: E. Richards.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 6, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 1,400 acres.

Character of Coal: Domestic.

There were no improvements or additions made to this mine during the year 1923.

Unity Collieries, Limited. (Mine No. 918)

Mine Office: Kilpatrick.

Overman: Francis Scarpino.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$100,000.

Location of Mine: L.S. 5, Sec. 14, Tp. 29, Rge. 21, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

This mine is in liquidation.

Mike Gilday. (Mine No. 972)

This mine is abandoned.

A. B. Cloakey. (Mine No. 985)

Mine Office: Drumheller.

Mine Surveyor: G. L. Kidd.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 14, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 200 feet.

This mine is closed.

William Watson. (Mine No. 1008)

Mine Office: Midlandvale.

Overman: Wm. Watson.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 5, Sec. 11, Tp. 29, Rge. 20, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 200 feet.

Craig's Coal Company, Limited. (Mine No. 1115)

Mine Office: Drumheller.

Overman: George Luck.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 15, Sec. 2, Tp. 29, Rge. 20, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 4 feet

Thickness of Cover: 50 feet

ROSEDALE DISTRICT—DISTRICT NO. 16

Rosedale Coal Company, Limited. (Mine No. 346)

Mine Office: Rosedale.

Head Office: 43 Victoria St., Toronto, Ont.

Authorized Capital: \$1,500,000.00.

President: R. G. Thompson

Vice-President: W. C. Robertson.

Secretary: H. S. Gausby.

Superintendent: W. A. Davidson.
Mine Surveyor: J. T. Carthew.
Location of Mine: L.S. 14, Sec. 28, Tp. 28, Rge. 19, W. of the 4th Mer.
Area: 14,000 acres. Character of Coal: Domestic.

NO. 1 MINE

Manager: T. O'Donnell.
Examiners: A. Rappell, L. Baringham.
This mine is entered by shafts, the No. 1 seam being worked.

NO. 2 MINE

Manager: W. A. Davidson.
Examiner: J. Sewell.

This mine is being worked in the No. 5 seam. It has a thickness of 4 feet with sandstone roof and clay pavement, the cover being 275 feet. The mine is entered by means of drifts driven in the side of the coulee. An outside incline is used for taking coal from this mine to the surface level of No. 1 mine, both mines using the same screening plant.

The following improvements and additions have been made to the mine during the year 1923.

An electrically operated Stine fan with a capacity of 21,000 cubic feet has been installed; also two electrically operated coal cutting machines of the chain type.

Great West Coal Company, Limited. (Mine No. 436)

Mine Office: Aerial.
Head Office: Brandon, Man.
Authorized Capital: \$50,000.00.
President: J. R. Brodie.
Vice-President: G. G. Gibson.
Directors: J. R. Brodie, G. G. Gibson, Mabel Brodie
Secretary-Treasurer: G. G. Gibson.
Manager: J. D. Thomas.
Overman: D. Picton.
Examiner: J. Molyneux.
Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 7, Sec. 28, Tp. 28, Rge. 19, W. of the 4th Mer.
Area: 240 acres. Character of Coal: Domestic.

The following additions and improvements have been made to the mine during the year 1923:

An electrically operated fan of the Sirocco type with a capacity of 85,000 cubic feet per minute, has been installed.

J. N. Murray. (Mine No. 675)

Mine Office: Rosedale.
Head Office: Drumheller.
Overman: Gordon Murray.
Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 12, Sec. 28, Tp. 27, Rge. 18, W. of the 4th Mer.
Area: 300 acres. Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Rosemont Coal Company, Limited. (Mine No. 734)

Mine Office: Rosedale Station P.O.
Overman: J. R. Miller.
Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 11, Sec. 21, Tp. 28, Rge. 19, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923:

An electrically operated coal cutting machine of the chain type was installed during the year.

Moonlight Coal Company, Limited. (Mine No. 766)

Mine Office: Aerial.

Overman: J. Burlander.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$25,000.

Location of Mine: L.S. 16, Sec. 16, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Shamrock Coal Company, Limited. (Mine No. 770)

Mine Office: Rosedale.

Overman: S. Davies.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 10, Sec. 20, Tp. 28, Rge. 19, W. of the 4th Mer.

This mine is closed.

Robert Taylor. (Mine No. 931)

Mine Office: Rosedale.

Overman: Robert Taylor.

Mine Surveyor: B. L. Thorne.

Location of Mine: Sec. 20, Tp. 27, Rge. 18, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Ray Shapler. (Mine No. 1076)

Mine Office: Rosedale.

Location of Mine: L.S. 5, Sec. 7, Tp. 28, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Prospecting work only has been done and the mine is, at present, closed.

John A. McInnis. (Mine No. 1081)

Mine Office: Rosedale.

Overman: J. A. McInnis.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 1, Tp. 28, Rge. 19, W. of the 4th Mer.

Character of Coal: Domestic.

The seam has a thickness of 6 feet with 6 inches of clay and 12 inches of bone in the centre. The mine is, at present, closed.

Arcadia Coal Company, Limited. (Mine No. 1089)

Mine Office: Willow Creek.

Post Office Address: Box 31, Drumheller.

Overman: John Peter Carls.

Location of Mine: E. $\frac{1}{2}$ Sec. 27, Tp. 27, Rge. 18, W. of the 4th Mer.

Area: 200 acres

Character of Coal: Domestic.

Thickness of Cover: 7 feet.

This mine is at present closed.

WAYNE DISTRICT—DISTRICT NO. 17*Rose Deer Coal Mining Company, Limited. (Mine No. 347)*

Mine Office: Wayne.

Head Office: 229 Eighth Ave. West, Calgary, Alberta.

Authorized Capital: \$1,000,000.00.

President: Alex. Smith.

Secretary-Treasurer: L. A. Tupper.

Manager and Mine Surveyor: Peter Allen.

Overman: Wm. Allen.

Examiner: Walter Fyfe.

Location of Mine: L.S. 13, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 6,000 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Western Commercial Company, Limited. (Mine No. 640)

Mine Office: Wayne.

Authorized Capital: \$1,500,000.00.

Directors: P. Laurendeau, R. Besse, J. Raby, W. Law, C. C. Whyte.

Manager and Mine Surveyor: H. R. Brown.

Overman: D. Roberts.

Examiners: E. Roberts, H. Richardson.

Location of Mine: L.S. 1, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 300 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Jewell Collieries, Limited. (Mine No. 643)

Mine Office: Wayne.

Head Office: 227 Eighth Ave. West, Calgary, Alberta.

Authorized Capital: \$250,000.00.

President: W. S. Henderson.

Directors: W. S. Henderson, W. S. Taylor.

Mine Manager and Overman: A. D'Altroy.

Mine Surveyor: G. Kidd.

Examiner: J. O. Jones.

Location of Mine: L.S. 6, Sec. 7, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 485 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Standard Coal Company, Limited (Mine No. 697)

(Formerly the Celtic Coal Company, Limited)

Mine Office: Wayne.

Overman: J. Sandino.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$20,000.

Location of Mine: L.S. 7, Sec. 18, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 520 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Excelsior Collieries, Limited. (Mine No. 703)

Mine Office: Wayne.

Head Office: Eleventh St. and Eleventh Ave. West, Calgary, Alberta.

President: S. Burnand.

Secretary-Treasurer: Fred Naylor.

Directors: S. Burnand, F. Naylor, J. Blair, Dr. Graham, E. H. Crandell.

Overman: John Blair.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$50,000.

Location of Mine: L.S. 3, Sec. 7, Tp. 27, Rge. 19, W. of the 4th Mer.

Area: 300 acres.

Character of Coal: Domestic.

The following additions and improvements have been made to the mine during the year 1923.

Shaker screens; also storage bunkers for pea and slack coal have been installed.

Sunshine Coal Company, Limited. (Mine No. 737)

Mine Office: Wayne.

Authorized Capital: \$50,000.00.

President: Santo Stocco.

Secretary-Treasurer: Giovanni Ciccone.

Overman:

Mine Surveyor: G. L. Kidd.

Area: 100 acres.

Character of Coal: Domestic.

Location of Mine: L.S. 6, Sec. 19, Tp. 28, Rge. 19, W. of the 4th Mer.

There were no improvements or additions made to the mine during the year 1923.

Ideal Coal Company, Limited. (Mine No. 844)

Mine Office: Wayne.

Authorized Capital: \$150,000.00.

President: T. M. McGuckie.

Vice-President: B. A. McEwen.

Secretary-Treasurer: W. A. Ross.

Manager: T. M. McGuckie.

Overman: J. Redpath.

Examiner: R. Taylor.

Mine Surveyor: G. L. Kidd.

Location of Mine: L.S. 16, Sec. 1, Tp. 28, Rge. 20, W. of the 4th Mer.

Area: 350 acres.

Character of Coal: Domestic.

The following additions and improvements were made to the mine during the year 1923.

An electrically operated coal cutting machine of the chain type has been installed below ground. Spur tracks on the surface have been extended and screens of the shaker and rotary type have been installed.

Capital Collieries, Limited. (Mine No. 974)

(Formerly the Sheffield Collieries, Limited)

Mine Office: Wayne.

Overman: W. Barclay.

Mine Surveyor: G. L. Kidd.

Authorized Capital: \$20,000.

Location of Mine: L.S. 9, Sec. 19, Tp. 28, Rge. 19, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 3 inches.

Thickness of Cover: 250 feet.

The following improvements and additions have been made to the mine during the year 1923.

Electrically operated coal cutting machines of the chain type have been installed.

BIG VALLEY DISTRICT—DISTRICT NO. 18*Big Valley Collieries, Limited. (Mine No. 364)*

Mine Office: Big Valley.

Authorized Capital: \$50,000.00.

President: John Gillespie.

Vice-President and General Manager: A. Albertson.

Manager: John Robertson.

Secretary-Treasurer: F. T. Aitken.

Mine Surveyor: D. Jones.

Location of Mine: N.W. $\frac{1}{4}$ Sec. 1, Tp. 36, Rge. 20, W. of the 4th Mer.

Area: 1,300 acres.

Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

Clyde M. Wooden. (Mine No. 471)

Mine Office: Scollard.
Overman: C. M. Wooden.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 18, Tp. 34, Rge. 21, W. of the 4th Mer.
Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 160 feet.

Henry Sward. (Mine No. 690)

Mine Office: Rowley.
Overman: H. Sward.
Mine Surveyor: A. B. Cook.
Location of Mine: L.S. 4, Sec. 13, Tp. 32, Rge. 21, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 110 feet.

Joseph Hodgson. (Mine No. 694)

Mine Office: Rowley.
Overman: J. Hodgson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 13, Sec. 12, Tp. 32, Rge. 21, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 110 feet.

Vimy Coal, Light & Power Company, Limited. (Mine No. 864)

Mine Office: Big Valley.
Authorized Capital: \$25,000.00.
President: E. L. Pavier.
Secretary-Treasurer: J. T. Smythe.
Directors: F. Rentier, T. P. Smythe.
Manager: E. L. Pavier.
Mine Surveyor: D. Jones.
Location of Mine: L. S. 16, Sec. 26, Tp. 35, Rge. 20, W. of the 4th Mer.
Area: 250 acres. Character of Coal: Domestic.

Wm. Turner. (Mine No. 920)

Mine Office: Scollard.
Overman: W. Turner.
Location of Mine: N.E. $\frac{1}{4}$ Sec. 34, Tp. 34, Rge. 21, W. of the 4th Mer.
Character of Coal: Domestic.

Horace V. Colbert. (Mine No. 923)

This mine was abandoned 1923.

Big Ton Coal & By-Products Company, Limited. (Mine No. 1021)
(Formerly J. J. Westaway & Co.)

Mine Office: Big Valley.
Overman: H. R. Giffin.
Mine Surveyor: D. Jones.
Authorized Capital: \$100,000.00.
Location of Mine: N.W. $\frac{1}{4}$ Sec. 26, Tp. 35, Rge. 20, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.

Clyde B. McCall. (Mine No. 1020)

Mine Office: Rumsey
Overman: C. B. McCall.
Location of Mine: L.S. 12, Sec. 7, Tp. 34, Rge. 21, W. of the 4th Mer.
Character of Coal: Domestic.
This mine is closed.

A. Kallevig. (Mine No. 1093)

Mine Office: Morrin.

Location of Mine: L.S. 12, Sec. 22, Tp. 31, Rge. 21, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is operated as a stripping pit.

W. R. Cook & A. Stauffer. (Mine No. 1094)

Mine Office: Morrin.

Location of Mine: Sec. 28, Tp. 31, Rge. 21, W. of the 4th Mer.

Character of Coal: Domestic.

This mine was operated as a stripping pit, and is, at present, closed.

SAUNDERS DISTRICT—DISTRICT NO. 19

Big Horn & Saunders Creek Collieries, Limited. (Mine No. 388)

Mine Office: Saunders, Alberta.

Head Office: Blairmore, Alberta.

Authorized Capital: \$300,000.00.

President: Jules Charbonnier, Blairmore.

Vice-President: Raoul Green.

Treasurer: A. R. Grainger.

Secretary: Geo. Grassowski, Saunders.

Manager: Owen Morgan.

Overman and Mine Surveyor: A. E. Williams.

Examiner: H. Morlev.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 24, Tp. 40, Rge. 13, W. of the 5th Mer.

Area: 2,561 acres.

Character of Coal: Sub-Bituminous.

There were no improvements or additions to the mine during the year 1923.

Acorn Coal Company, Limited. (Mine No. 756)

(Formerly the Saunders-Alberta Collieries, Limited)

Mine Office: West Saunders, Alberta.

Head Office: Red Deer, Alberta.

Manager: Alec Crawford.

Examiners: Roy Conley, H. Martin.

Mine Surveyor: D. Jones.

Authorized Capital: \$75,000.00.

Location of Mine: L.S. 16, Sec. 23, Tp. 40, Rge. 13, W. of the 5th Mer.

Area: 600 acres.

Character of Coal: Sub-Bituminous.

The following additions and improvements have been made at the mine during the year 1923:

A washhouse has been erected and completed during the year.

Harlech Coal Company, Limited. (Mine No. 823)

Mine Office: Harlech, Alberta.

Head Office: Lancaster Building, Calgary, Alberta.

President: Martin Nordegg.

Treasurer: Stuart Kidd.

Secretary: E. M. Anderson.

Directors: M. Nordegg, S. Kidd, Col. Roberts, J. McFarland, C. Bernhard.

Mine Manager and Overman: Jas. McKelvie.

Examiner: R. Muir.

Authorized Capital: \$500,000.00.

Location of Mine: Sec. 10, Tp. 41, Rge. 14, W. of the 5th Mer.

This mine is closed.

Alexo Coal Company, Limited. (Mine No. 852)

Mine Office: Alexo.
 Head Office: c/o Swedish General Electric, 107 Duke St., Toronto.
 Authorized Capital: \$200,000.00.
 President: E. F. Pullen.
 Secretary: C. C. Clark.
 Directors: E. F. Pullen, C. F. Hanning, Frank Pullen, H. N. Roberts.
 C. C. Clark.
 Mine Manager and Surveyor: James Darbyshire.
 Examiner: S. Davis.
 Master Mechanic: Colin McGillivray.
 Location of Mine: Sec. 27, Tp. 40, Rge. 13, W. of the 5th Mer.
 Area: 1,400 acres. Character of Coal: Sub-Bituminous.

The following improvements and additions have been made to the mine during the year 1923:

Several cottages have been built; also a new washhouse replacing the one formerly in use which was destroyed by flood.

BRAZEAU DISTRICT—DISTRICT NO. 20*Brazeau Collieries, Limited. (Mine No. 256)*

Mine Office: Nordegg.
 Head Office: 9 Toronto St., Toronto, Ontario.
 Authorized Capital: \$4,000,000.00.
 Vice-President: Andrew Haydon, Toronto.
 Secretary-Treasurer: H. S. Gausby, Toronto.
 General Manager: John Shanks, Nordegg.
 Mine Surveyor: H. D. Moore.
 Master Mechanic: Jas. Baird.
 Location of Mine: L.S. 13, Sec. 22, Tp. 40, Rge. 15, W. of the 4th Mer.
 Area: 1,500 acres. Character of Coal: Bituminous.

No. 2 MINE

Mine Manager: James Stewart.
 Examiners: R. Jones, J. Armstrong, R. White.
 Overman: A. McQueen.

No. 3 MINE

Mine Manager: D. Shanks.
 Examiners: Geo. McQueen, G. C. Yard, W. R. Kerr, L. Turner.
 Overman: John Crawford.

The following improvements and additions have been made to the mine during the year 1923.

One frame building used as a stable to accommodate fifty horses, an addition to the washhouse; a new lamp cabin with charging racks for 700 electric lamps, this building is also used for the time office; one storage battery locomotive. On the townsite there were built thirty-three cottages, a drug store and business block; also an addition to the hospital.

BROOKS DISTRICT—DISTRICT NO. 21*The Kleenbirn Collieries, Limited. (Mine No. 226)*

Mine and Head Office: Eyremore, Alberta.
 Authorized Capital: \$1,000,000.00.
 President: James Balfour.
 Vice-President: W. W. Wills.
 Directors: James Balfour, W. W. Wills, C. R. Westgate.
 Secretary-Treasurer: C. R. Westgate.
 General Manager: C. R. Westgate.
 Overman: Malcolm Armstrong.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 2, Sec. 16, Tp. 17, Rge. 17, W. of the 4th Mer.
 Area: 5,306 acres. Character of Coal: Domestic.

There were no improvements or additions made to the mine during the year 1923.

William G. Noble. (Mine No. 257)

This mine is abandoned.

P. F. Clemens. (Mine No. 460)

Mine Office: Gem, Alberta.

Overman: P. F. Clemens.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 4, Sec. 12, Tp. 23, Rge. 15, W. of the 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 120 feet.

J. B. Goodin. (Mine No. 901)

Mine Office: Hutton.

Overman: J. B. Goodin.

Location of Mine: L.S. 15, Sec. 12, Tp. 23, Rge. 15, W. of the 4th Mer.

Character of Coal: Domestic.

John Ward. (Mine No. 914)

This mine is abandoned.

George Ketchmark. (Mine No. 915)

Mine Office: Eyremore.

Overman: George Ketchmark.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 15, Sec. 14, Tp. 17, Rge. 17, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 40 feet.

T. W. Kerrison. (Mine No. 998)

Mine Office: Eyremore.

Overman: T. W. Kerrison.

Mine Surveyor: J. A. H. Church.

Location of Mine: L.S. 13, Sec. 11, Tp. 17, Rge. 17, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 90 feet.

John Krozier. (Mine No. 1038)

Mine Office: Duchess.

Overman: John Krozier.

Location of Mine: L.S. 13, Sec. 36, Tp. 22, Rge. 15, W. of the 4th Mer.

Prospecting work only has been done at this mine, and it is now abandoned.

Brogan Evans & Son. (Mine No. 1111)

Mine Office: Bassano.

Overman: James A. Batie.

Location of Mine: Sec. 30, Tp. 20, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

HANNA DISTRICT—DISTRICT NO. 22

Oscar Collieries, Limited. (Mine No. 262)

This mine is abandoned.

Arthur Miller. (Mine No. 354)

Mine Office: Delia.
Overman: A. Miller.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 9, Sec. 21, Tp. 30, Rge. 17, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 60 feet.

A. S. Jones. (Mine No. 375)

Mine Office: Garden Plain.
Overman: R. J. Unsworth.
Mine Surveyor: Norman Fraser.
Location of Mine: L.S. 7, Sec. 1, Tp. 34, Rge. 14, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 8 inches. Thickness of Cover: 20 to 150 feet.

G. Brocklebank. (Mine No. 415)

Mine Office: Parr.
Mine Surveyor: David Jones.
Location of Mine: L.S. 4, Sec. 5, Tp. 29, Rge. 14, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 6 feet.
This mine is being operated by removing the cover.

William J. Anderson. (Mine No. 445)

Mine Office: Sheerness.
Overman: C. Hulme.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 12, Tp. 29, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 9 feet. Thickness of Cover: 25 feet.
There are two systems of operation at this mine: by underground mining;
also by the stripping pit method.

John Masciangelo. (Mine No. 477)

Mine Office: Delia.
Overman: James Wilde.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 3, Sec. 28, Tp. 30, Rge. 17, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 9 inches. Thickness of Cover: 35 feet.

Fred Berg. (Mine No. 486)

Mine Office: Hanna.
Mine Surveyor:
Location of Mine: L.S. 3, Sec. 29, Tp. 32, Rge. 13, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 9 feet.
This mine is operated by the stripping pit method.

Robert Unsworth. (Mine No. 488)

Mine Office: Garden Plain.
Overman: R. Unsworth.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 29, Tp. 32, Rge. 13, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 25 feet.

L. C. Treber & Wm. Wiles. (Mine No. 491)

Mine Office: Parr.
Overman: L. C. Treber.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 18, Tp. 29, Rge. 14, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 40 feet.

Alfred Donald. (Mine No. 496)

Mine Office: Dowling Lake.
Overman: A. Donald.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 3, Tp. 33, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 25 feet.

Morse & Larrair. (Mine No. 497)

Mine Office: Hanna.
Overman: A. T. Morse.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 19, Tp. 29, Rge. 14, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3½ feet. Thickness of Cover: 60 feet.

Lewis Dafoe & Bros. (Mine No. 611)

Mine Office: Hanna.
Mine Surveyor: D. Jones.
Location of Mine: S.W. ¼, Sec. 29, Tp. 32, Rge. 13, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3½ feet. Thickness of Cover: 8 feet.
This mine is operated by the stripping pit method.

James Bradshaw. (Mine No. 646)

Mine Office: Garden Plain.
Overman: James Bradshaw.
Mine Surveyor: David Jones.
Location of Mine: L.S. 1, Sec. 1, Tp. 34, Rge. 14, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.
Thickness of Seam: 4½ feet. Thickness of Cover: 30 feet.

Mrs. Mary M. Edmonson. (Mine No. 725)

Mine Office: Delia.
Overman: Fred Taylor.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 24, Tp. 28, Rge. 18, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 20 to 200 feet.

Nels Engstrom. (Mine No. 784)

Mine Office: Rose Lynn.
Overman: Nels Engstrom.
Mine Surveyor: David Jones.
Location of Mine: L.S. 1, Sec. 34, Tp. 28, Rge. 13, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 30 feet.

James Wright. (Mine No. 862).

Mine Office: Garden Plain.
Mine Surveyor: David Jones.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 6, Tp. 34, Rge. 13, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 10 feet.
This mine is being operated by the stripping pit method.

George Thomas. (Mine No. 907)

Mine Office: Sheerness.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 16, Tp. 29, Rge. 30, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: $4\frac{1}{2}$ feet. Thickness of Cover: 7 feet.
This mine is being operated by the stripping pit method.

Pearson, Fawcett & Carmichael. (Mine No. 919)

Mine Office: Delia.
Overman: M. Carmichael.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 15, Sec. 30, Tp. 29, Rge. 17, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 40 feet.
This mine is at present closed.

Milne & Pearson. (Mine No. 937)

Mine Office: Delia.
Mine Surveyor: D. Jones.
Overman: R. L. Milne.
Location of Mine: L.S. 14, Sec. 21, Tp. 30, Rge. 17, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

J. Warneboldt. (Mine No. 995)

Mine Office: Sheerness.
Overman: Walter J. Dieter.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 14, Sec. 18, Tp. 29, Rge. 12, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 60 feet.

Frater Iveson. (Mine No. 1001)

This mine is abandoned.

H. A. Locke. (Mine No. 1016)

This mine is abandoned.

Carl Olson. (Mine No. 1129)

Location of Mine: L.S. 3, Sec. 19, Tp. 29, Rge. 14, W. of the 4th Mer.

Carl Hein. (Mine No. 1039)

Mine Office: Craigmyle.
Overman: J. Bowie.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 3, Tp. 33, Rge. 16, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: $4\frac{1}{2}$ feet. Thickness of Cover: 40 feet.

William B. Sinclair. (Mine No. 1075)

Mine Office: Forcena.
Location of Mine: L.S. 13, Sec. 27, Tp. 28, Rge. 16, W. of the 4th Mer.
Character of Coal: Domestic.
This mine is being operated as a stripping pit.

LACOMBE DISTRICT—DISTRICT NO. 23

Ben Nevis Mine. (Mine No. 167)

Mine Office: Nevis, Alberta.
Operator and Overman: J. Mathewson.
Mine Surveyor: D. Jones.
Location of Mine: S.E. $\frac{1}{4}$ Sec. 11, Tp. 39, Rge. 22, W. of the 4th Mer.
Area: 200 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 120 feet.

Richard Ruscoe. (Mine No. 212)

Mine Office: Halkirk.
Overman: R. Ruscoe.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 8, Tp. 39, Rge. 15, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Owner of Property: Carl G. Hilker.
Thickness of Seam: 6 feet. Thickness of Cover: 85 feet.

A. D. McCormack. (Mine No. 246)

Mine Office: Castor.
Location of Mine: E. $\frac{1}{2}$ L.S. 14, Sec. 34, Tp. 37, Rge. 14, W. of 4th Mer.
This mine is closed.

Davies & Green. (Mine No. 273)

Mine Office: Halkirk.
Overman: H. V. Green.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 18, Tp. 39, Rge. 15, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 85 feet.

A. D. McCormack. (Mine No. 275)

Mine Office: Castor.
Overman: A. D. McCormack.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 3, Sec. 3, Tp. 38, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 8 inches. Thickness of Cover: 20 feet.

Armour Gray. (Mine No. 289)

Mine Office: Gadsby.
Overman: A. Gray.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 10, Sec. 28, Tp. 30, Rge. 16, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 50 feet.

Hugh D. McLean. (Mine No. 304)

This mine is abandoned.

Benjamin Hronek. (Mine No. 427)

Mine Office: Halkirk.
Overman: B. Hronek.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 18, Tp. 39, Rge. 15, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet 6 inches. Thickness of Cover: 85 feet.

Rich & Bergren. (Mine No. 665)

Mine Office: Gadsby.
Overman: L. Bergren.
Mine Surveyor: D. Jones.
Location of Mine: N.E. $\frac{1}{4}$ Sec. 21, Tp. 39, Rge. 16, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 35 feet.

Wm. Halbert. (Mine No. 717)

This mine is abandoned.

J. B. Remillard. (Mine No. 902)

Mine Office: Castor.
Overman: Julien Briot.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 33, Tp. 37, Rge. 14, W. of the 4th Mer.
Area: 160 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 3 inches. Thickness of Cover: 35 feet.

Alfred J. Hook. (Mine No. 913)

This mine is abandoned.

John Willie. (Mine No. 928)¹

This mine is abandoned.

Tynsdale & Smith. (Mine No. 930)

This mine is abandoned.

Alfred McNeil. (Mine No. 945)

Mine Office: Castor.
Overman: J. Armstrong.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 8, Sec. 35, Tp. 37, Rge. 14, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 18 feet.

J. F. Burt. (Mine No. 966)

Mine Office: Erskine.
Overman: J. F. Burt.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 10, Sec. 10, Tp. 38, Rge. 22, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet. Thickness of Cover: 20 to 100 feet.

Emil Kobi. (Mine No. 968)

Mine Office: Endiang P.O.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 4, Tp. 36, Rge. 15, W. of the 4th Mer.
This mine is closed at present.

Paul Ness. (Mine No. 989)

This mine is abandoned.

E. H. Taylor. (Mine No. 999)

Mine Office: Halkirk.

Location of Mine: L.S. 3, Sec. 30, Tp. 37, Rge. 15, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 10 feet.

Christopher & Anderson. (Mine No. 1026)

Mine Office: Gadsby.

Location of Mine: L.S. 9, Sec. 21, Tp. 39, Rge. 16, W. of the 4th Mer.

This mine is at present closed.

J. S. McLean. (Mine No. 1046)

Mine Office: R.R. 1, Halkirk.

Overman: J. S. McLean.

Location of Mine: L.S. 6, Sec. 20, Tp. 37, Rge. 22, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

D. H. Fuller. (Mine No. 1049)

Mine Office: Stettler.

Overman: A. R. Nims.

Location of Mine: L.S. 8, Sec. 34, Tp. 37, Rge. 22, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 60 feet.

W. F. Ulmer. (Mine No. 1057)

Mine Office: Castor.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 3, Tp. 38, Rge. 14, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is worked as a stripping pit.

C. J. Stiles. (Mine No. 1058)

This mine is abandoned.

Charles Strader. (Mine No. 1062)

Mine Office: Halkirk.

Overman: C. Strader.

Location of Mine: L.S. 4, Sec. 17, Tp. 39, Rge. 15, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Holt & McKenzie. (Mine No. 1071)

Mine Office: Erskine.

Overman: D. McKenzie.

Location of Mine: Sec. 10, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 20 to 100 feet.

Paul Streich. (Mine No. 1074)

Mine Office: Nevis.

Location of Mine: L.S. 8, Sec. 4, Tp. 38, Rge. 22, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is not in operation at present.

Ralph Allen. (Mine No. 1106)

Mine Office: Cornucopia.
Location of Mine: L.S. 2, Sec. 5, Tp. 37, Rge. 15, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
This mine is a stripping pit

Mrs. E. Ness. (Mine No. 1127)

Mine Office: Erskine.
Overman: Paul Ness.
Location of Mine: L.S. 5, Sec. 2, Tp. 38, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.

TROCHU DISTRICT—DISTRICT NO. 24

F. A. Straub. (Mine No. 255)

This mine is abandoned.

A. L. McCrae. (Mine No. 315)

Mine Office: Trochu.
Overman: H. F. Wilkie.
Mine Surveyor: R. Hamilton.
Location of Mine: S.E. $\frac{1}{4}$ Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 80 feet.
Owner of Property: C. L. Kusler.

Wilson Burchell. (Mine No. 328)

Mine Office: Huxley.
Overman: W. Burchell.
Mine Surveyor: D. Jones.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 13, Tp. 34, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 8 inches. Thickness of Cover: 70 feet.
Owner of Property: Yard Bros.

T. & A. McKinlay. (Mine No. 423)

Mine Office: Trochu.
Overman: John Keila.
Mine Surveyor: R. Hamilton.
Location of Mine: L.S. 15, Sec. 22, Tp. 33, Rge. 23, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 20 to 80 feet.

Ole Thompson. (Mine No. 495)

Mine Office: Lousana.
Overman: Ole Thompson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 12, Tp. 36, Rge. 22, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 80 feet.

James Aiello. (Mine No. 631)

This mine is abandoned.

J. N. Blair. (Mine No. 635)

Mine Office: Delburne.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 7, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 30 acres. Character of Coal: Domestic.

Thickness of Seam: 5 feet. Thickness of Cover: 10 feet.
 Owner of Property: Theodore Kurp.
 This mine is worked as a stripping pit.

Peters & Kinchin. (Mine No. 710)

Mine Office: Trochu.
 Overman: R. Davidson.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 10, Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 70 feet.

North Star Coal Company, Limited. (Mine No. 731)

Mine Office: Alix.
 Manager: W. C. H. Lewis.
 Mine Surveyor: L. C. Stevens.
 Location of Mine: L.S. 16, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Authorized Capital: \$50,000.00.
 Thickness of Seam: 8 feet. Thickness of Cover: 20 feet.
 Owner of Property: Casper W. Sharples.
 This mine is worked as a stripping pit.

Ardley Hardite Collieries. (Mine No. 787)
(Formerly Parker Creek Collieries, Limited)

Mine Office: Ardley.
 Manager and Overman: James McKelvie.
 Location of Mine: L.S. 12, Sec. 21, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 1,200 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 95 feet.

Harry T. Cooper. (Mine No. 799)

Mine Office: Lousana.
 Overman: H. T. Cooper.
 Mine Surveyor: D. Jones.
 Location of Mine: Sec. 24, Tp. 36, Rge. 21, W. of the 4th Mer.
 Area: 20 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 20 to 250 feet.

Pearl Coal Company, Limited. (Mine No. 809)

Mine Office: Alix.
 Location of Mine: L.S. 6, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
 This mine is at present closed.

Challenger Coal Company, Limited. (Mine No. 824)
(Formerly Ardley Hardite Collieries, Limited)

Mine Office: Ardley.
 Overman: T. Waring.
 Location of Mine: E. ½ Sec. 20, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Owner of Property: Col. Walker, Calgary.

United Collieries. (Mine No. 831)

Mine Office: Alix.
 Overman: J. Russell.
 Location of Mine: L.S. 15, Sec. 33, Tp. 38, Rge. 23, W. of the 4th Mer.
 Area: 160 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 80 feet.

David Halbert. (Mine No. 859)

Mine Office: Trochu.

Overman: R. Halbert.

Mine Surveyor: R. Hamilton.

Location of Mine: L.S. 3, Sec. 23, Tp. 33, Rge. 23, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 6 inches.

Thickness of Cover: 70 feet.

Robert Russell. (Mine No. 891)

Mine Office: Alix.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 11, Sec. 1, Tp. 38, Rge. 24, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 15 feet.

This mine is operated as a stripping pit and is now closed.

Carbondale Coal Company, Limited. (Mine No. 912)

Mine Office: Ardley.

Location of Mine: E. $\frac{1}{2}$ Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.

Authorized Capital: \$450,000.00.

This mine is at present closed.

Thomas McKinlay. (Mine No. 921)

Mine Office: Trochu.

Overman: T. McKinlay.

Location of Mine: L.S. 16, Sec. 14, Tp. 33, Rge. 23, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 6 inches.

Thickness of Cover: 70 feet.

George Paton. (Mine No. 949)

Mine Office: Delburne.

Overman: G. Paton.

Mine Surveyor: D. Jones.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 27, Tp. 37, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 20 to 100 feet.

C. C. McDermind. (Mine No. 951)

Mine Office: Alix.

Location of Mine: L.S. 3, Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 40 feet.

This mine is operated as a stripping pit.

L. Bobier. (Mine No. 954)

This mine is abandoned.

D. Blair. (Mine No. 957)

Mine Office: Delburne.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 8, Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 10 to 50 feet.

This mine is operated as a stripping pit.

B. C. Kurp. (Mine No. 967)

Mine Office: Delburne.
Mine Surveyor: D. Jones.
Location of Mine: Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
This mine is worked by the stripping pit process.

James Blades. (Mine No. 969)

Mine Office: R.R. No. 1, Nevis, Alberta.
Location of Mine: L.S. 14, Sec. 10, Tp. 38, Rge. 22, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 30 feet.

Beaver Coal Company. (Mine No. 973)

This mine is abandoned.

J. N. Guss. (Mine No. 980)

This mine is abandoned.

A. Jackson. (Mine No. 991)

This mine is abandoned.

Maple Leaf Coal Company. (Mine No. 1018)

Mine Office: Ardley.
Overman: E. J. Jones.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 17, Tp. 38, Rge. 23, W. of the 4th Mer.
Character of Coal: Domestic.
This mine is at present closed.

C. E. Mitchell. (Mine No. 1019)

This mine is abandoned.

C. C. Campbell. (Mine No. 1024)

This mine is abandoned.

Leduc & Mainford. (Mine No. 1030)

This mine is abandoned.

Williams & Jones. (Mine No. 1035)

Mine Office: Alix.
Location of Mine: L.S. 1, Sec. 3, Tp. 39, Rge. 23, W. of the 4th Mer.
This mine is at present closed.

Thos. E. Lasseter. (Mine No. 1037)

Mine Office: Delburne.
Location of Mine: L.S. 1, Sec. 11, Tp. 38, Rge. 24, W. of the 4th Mer.
This mine is at present closed.

Berg & Brown. (Mine No. 1044)

Mine Office: Alix.
Location of Mine: L.S. 3, Sec. 29, Tp. 38, Rge. 23, W. of the 4th Mer.
Area: 12 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 5 feet.
This mine is operated as a stripping pit.

Thomas Jackson. (Mine No. 1048)

Mine Office: Delburne.

Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.

This mine is at present closed.

K. Sandquist. (Mine No. 1050)

This mine is abandoned.

Clarence Moschinross & Company. (Mine No. 1056)

This mine is abandoned.

J. T. Blair. (Mine No. 1068)

Mine Office: Delburne.

Location of Mine: L.S. 16, Sec. 2, Tp. 38, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is worked as a stripping pit.

C. N. Williamson. (Mine No. 1125)

Mine Office: Alix.

Overman: James G. Ewart.

Location of Mine: L.S. 7, Sec. 2, Tp. 39, Rge. 23, W. of the 4th Mer.

Character of Coal: Domestic.

THREE HILLS DISTRICT—DISTRICT NO. 25

Albert Trentham. (Mine No. 113)

Mine Office: Three Hills.

Overman: A. Trentham.

Mine Surveyor: R. Hamilton.

Location of Mine: L.S. 16, Sec. 26, Tp. 31, Rge. 24, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 70 feet.

Rene Vasseur. (Mine No. 194)

Mine Office: Three Hills.

Overman: R. Vasseur.

Mine Surveyor: R. Hamilton.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 4, Tp. 31, Rge. 22, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 60 feet.

Ellis Coal Company, Limited. (Mine No. 384)

Mine and Head Office: Three Hills.

Authorized capital: \$20,000.00.

President: Wm. Ellis, Sr.

Vice-President: A. McCulloch.

Secretary-Treasurer: Wm. Ellis, Jr.

Manager and Mine Surveyor: R. Hamilton.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 36, Tp. 31, Rge. 24, W. of the 4th Mer.

Area: 280 acres.

Character of Coal: Domestic.

Owner of Property: Union Coal Co. Ltd., Montreal.

Thickness of Seam: 5 feet 6 inches.

Thickness of Cover: 162 feet.

Knee Hill Valley Coal Company. (Mine No. 445)

Mine Office: Twining.

Overman: J. Lebisto.

Mine Surveyor: R. Hamilton.

Location of Mine: L.S. 6, Sec. 14, Tp. 31, Rge. 24, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 4 inches.

Thickness of Cover: 56 feet.

William T. Trentham. (Mine No. 637)

This mine is abandoned.

The Palisade Coal Company, Limited. (Mine No. 811)

Mine Office: Three Hills.
Authorized Capital: \$60,000.00.
President: J. B. Cleary.
Vice-President: G. A. Johnson.
Managing-Director: J. W. Townshend.
Secretary-Treasurer: J. W. Townshend.
Mine Manager: A. Higgins.
Overman: G. A. Johnson.
Mine Surveyor: R. Hamilton.
Location of Mine: W. $\frac{1}{2}$ Sec. 36, Tp. 31, Rge. 24, W. of the 4th Mer.
Area: 320 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 162 feet.

CARBON DISTRICT—DISTRICT NO. 26*Knee Hill Coal Company, Limited. (Mine No. 53)*

This mine is abandoned.

Peerless Carbon Collieries, Limited. (Mine No. 115)

Mine Office: Carbon.
Head Office: 405 Grain Exchange Building, Calgary, Alberta.
Overman: J. H. Oliphant.
Mine Surveyor: D. Jones.
Authorized Capital: \$100,000.00.
Location of Mine: L.S. 13, Sec. 12, Tp. 29, Rge. 23, W. of the 4th Mer.
Area: 280 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 50 to 200 feet.
The following additions and improvements have been made during the year 1923.
A new shaft has been sunk and a new hoisting and screening plant installed.

Fraser & Smith. (Mine No. 187)

This mine is abandoned.

Balogh & Supak. (Mine No. 189)

Mine Office: Carbon.
Overman: A. Balogh.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 7, Tp. 29, Rge. 22, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet.

D. Chambers. (Mine No. 459)

This mine is abandoned.

Carbon Coal Company, Limited. (Mine No. 749)

Mine Office: Carbon.
Location of Mine: L.S. 15, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
Authorized Capital: \$50,000.00.
This mine is at present closed

Shannon Coal Company, Limited. (Mine No. 768)

Mine Office: Carbon.
 Overman: J. H. Digman.
 Mine Surveyor: D. Jones.
 Authorized Capital: \$30,000.00.
 Location of Mine: L.S. 1, Sec. 14, Tp. 29, Rge. 21, W. of the 4th Mer.
 Area: 80 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet Thickness of Cover: 60 feet.

Harry Trentham. (Mine No. 817)

Mine Office: Ghost Pine Creek.
 Overman: P. Mucka.
 Mine Surveyor: R. Hamilton.
 Location of Mine: L.S. 2, Sec. 6, Tp. 31, Rge. 21, W. of the 4th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 40 feet.

Carbon Coal Agencies, Limited. (Mine No. 851)

Mine Office: Carbon.
 Head Office: 409 Grain Exchange Building, Calgary, Alberta.
 Overman: J. Fraser.
 Mine Surveyor: David Jones.
 Authorized Capital: \$25,000.00.
 Location of Mine: L.S. 16, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
 Area: 850 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet 3 inches. Thickness of Cover: 30 to 200 feet.

C. P. McCullum. (Mine No. 856)

Mine Office: Carbon.
 Head Office: 301 McCallum-Hull Building, Regina, Sask.
 Location of Mine: L.S. 13, Sec. 11, Tp. 29, Rge. 23, W. of the 4th Mer.
 This mine is at present not in operation.

J. E. Seal. (Mine No. 883)

This mine is abandoned.

A. P. Himelman. (Mine No. 904)
(Formerly West Carbon Coal Company, Limited)

Mine Office: Carbon.
 Location of Mine: L.S. 2, Sec. 16, Tp. 29, Rge. 23, W. of the 4th Mer.

Fife Coal Company, Limited. (Mine No. 958)

Mine Office: Carbon.
 Location of Mine: S. $\frac{1}{2}$ Sec. 13, Tp. 29, Rge. 23, W. of the 4th Mer.
 This mine was flooded during the month of June and is not at present in operation.

Thomas McIntire. (Mine No. 978)

This mine is abandoned.

Leonard Rowan. (Mine No. 979)

This mine is abandoned.

Robert Campbell. (Mine No. 1033)

Mine Office: Ghost Pine Creek.
 Overman: R. Campbell.
 Location of Mine: S.W. $\frac{1}{4}$ Sec. 10, Tp. 31, Rge. 22, W. of the 4th Mer.

Alfred Fox. (Mine No. 1060)

Mine Office: Carbon.

Overman: A. Fox.

Location of Mine: L.S. 12 and 13, Sec. 7, Tp. 29, Rge. 22, W. 4th Mer.

Character of Coal: Domestic.

Joseph E. Seale. (Mine No. 1126)

Mine Office: Carbon.

Overman: Louis J. Shannon.

Location of Mine: L.S. 5, Sec. 13, Tp. 29, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

BATTLE RIVER DISTRICT—DISTRICT NO. 27

David Orr. (Mine No. 242)

This mine is abandoned.

Bish Bros. & LeGear. (Mine No. 245)

Mine Office: Forestburg.

Overman: G. LeGear.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 13, Sec. 34, Tp. 40, Rge. 16, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet 6 inches

Thickness of Cover: 40 feet.

John Tyrlik. (Mine No. 251)

Mine Office: Heisler.

Overman: J. Tyrlik.

Mine Surveyor: D. Jones.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 28, Tp. 42, Rge. 17, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 80 feet.

James Bros. (Mine No. 447)

Mine Office: Forestburg.

Overman: A. J. James.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 12, Sec. 28, Tp. 40, Rge. 15, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet 6 inches.

Thickness of Cover: 80 feet.

Donald McDonald. (Mine No. 607)

Mine Office: Donalda.

Overman: D. McDonald.

Mine Surveyor: L. Stevens.

Location of Mine: L.S. 8, Sec. 30, Tp. 41, Rge. 17, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 80 feet.

O'Brien, Gillis & Co. (Mine No. 609)

Mine Office: Heisler.

Overman: J. McPherson.

Location of Mine: L.S. 5, Sec. 22, Tp. 42, Rge. 17, W. of the 4th Mer.

This mine is at present closed.

Geo. H. Enders. (Mine No. 615)

Mine Office: Daysland.
Overman: A. C. Scott.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 28, Tp. 42, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 10 feet. Thickness of Cover: 50 feet.

C. Fanning. (Mine No. 622)

Mine Office: Kelsey.
Overman: C. Fanning.
Mine Surveyor: D. Jones.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 8, Tp. 43, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 40 feet.

Efner W. Simmons. (Mine No. 666)

Mine Office: Forestburg.
Overman: E. W. Simmons.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 35 feet.

Warmouth & Pickering. (Mine No. 676)

Mine Office: Donalda.
Overman: C. Warmouth.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 16, Sec. 2, Tp. 41, Rge. 16, W. of the 4th Mer.
This mine is at present closed.

Albert Young. (Mine No. 704)

Mine Office: Forestburg.
Location of Mine: L.S. 12, Sec. 25, Tp. 40, Rge. 16, W. of the 4th Mer.
This mine is at present closed.

Arthur Mitchinson. (Mine No. 719)

This mine is abandoned.

Albert Wisla. (Mine No. 793)

Mine Office: Heisler.
Overman: A. Wisla.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 7, Sec. 3, Tp. 43, Rge. 17, W. of the 4th Mer.
Thickness of Seam: 7 feet. Thickness of Cover: 40 feet.

J. E. Wilkinson. (Mine No. 807)

Mine Office: Donalda.
Overman: J. E. Wilkinson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 1, Sec. 29, Tp. 41, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 40 feet.

John J. King. (Mine No. 828)

Mine Office: New Norway.

Overman: J. J. King.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 6, Sec. 32, Tp. 43, Rge. 18, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 20 feet.

A. Mitchinson. (Mine No. 853)

Mine Office: Donaldia.

Overman: A. Mitchinson.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 14, Sec. 32, Tp. 41, Rge. 18, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 9 inches

Thickness of Cover: 25 feet.

P. Makarevich. (Mine No. 874)

Mine Office: Forestburg.

Location of Mine: L.S. 6, Sec. 2, Tp. 21, Rge. 16, W. of the 4th Mer.

This mine is at present closed.

J. P. Heape. (Mine No. 876)

This mine is abandoned.

F. G. Meek. (Mine No. 911)

Mine Office: Heisler.

Overman: P. Dietrich.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 1, Sec. 33, Tp. 42, Rge. 17, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 25 feet.

T. K. Hill & C. Hughson. (Mine No. 948)

Mine Office: Rosalind.

Location of Mine: Sec. 8, Tp. 43, Rge. 17, W. of the 4th Mer.

This mine is at present closed.

Bohme Bros. & Gilles. (Mine No. 952)

Mine Office: Forestburg.

Overman: E. Gilles.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 12, Sec. 33, Tp. 40, Rge. 15, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet 6 inches.

Thickness of Cover: 25 feet.

Martin Bros. & Robinson. (Mine No. 953)

Mine Office: Forestburg.

Overman: A. Martin.

Mine Surveyor: D. Jones.

Location of Mine: L.S. 8, Sec. 32, Tp. 40, Rge. 15, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 9 feet.

Thickness of Cover: 24 feet.

Louis Bulcourt. (Mine No. 955)

This mine is abandoned.

Muncy Bros. (Mine No. 956)

Mine Office: Foreman.
Overman: M. S. Muncy.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 2, Sec. 35, Tp. 40, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 30 feet.

Evert Hankins. (Mine No. 959)

Mine Office: Foreman.
Overman: E. Hankins.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 11, Tp. 40, Rge. 16, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 20 feet.

Campbell & Walton. (Mine No. 960)

Mine Office: Forestburg.
Location of Mine: L.S. 13, Sec. 31, Tp. 40, Rge. 14, W. of the 4th Mer.
This mine is at present closed.

Sheppard Bros. (Mine No. 964)

Mine Office: Galahad
Overman: J. Bitterman.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 9, Sec. 32, Tp. 40, Rge. 15, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 27 feet.

C. Fanning. (Mine No. 1012)

This mine is abandoned.

Walton Bros. (Mine No. 1032)

Mine Office: Forestburg.
Overman: G. Walton.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 12, Sec. 31, Tp. 40, Rge. 13, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 40 feet.

John Carlson. (Mine No. 1042)

Mine Office: Heisler.
Overman: J. Carlson.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 22, Tp. 42, Rge. 17, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 8 feet. Thickness of Cover: 35 feet.

Louis Bulcourt. (Mine No. 1046)

Mine Office: Halcourt.
Overman: L. Bulcourt.
Location of Mine: L.S. 6, Sec. 20, Tp. 40, Rge. 15, W. of the 4th Mer.
Character of Coal: Domestic.

N. Fry. (Mine No. 1047)

Mine Office: Donalda.
Overman: N. Fry.
Location of Mine: L.S. 10, Sec. 32, Tp. 41, Rge. 18, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 3 feet 6 inches. Thickness of Cover: 25 feet.

C. F. Martin. (Mine No. 1051)

This mine is abandoned.

F. Stauffer. (Mine No. 1054)

This mine is abandoned.

David James. (Mine No. 1064)

Mine Office: Alliance.

Overman: David James.

Location of Mine: L.S. 1, Sec. 32, Tp. 40, Rge. 15, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 27 feet.

Axel Lindgren. (Mine No. 1102)

Mine Office: Meeting Creek.

Overman: Axel Lindgren.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 13, Tp. 43, Rge. 20, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 30 feet.

CAMROSE DISTRICT—DISTRICT NO. 28

E. E. Chappell. (Mine No. 215)

Mine Office: Dodds.

Mine Surveyor: Norman Fraser.

Location of Mine: L.S. 6, 7 and 8, Sec. 14, Tp. 49, Rge. 18, W. 4th Mer.

Area: 120 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 12 feet.

This mine is worked as a stripping pit.

The Spicer Coal Company, Limited. (Mine No. 241)

Mine Office: Dinant.

Head Office: Saskatoon.

General Manager: G. Hunter.

Manager and Mine Surveyor: John A. McLenhan.

Authorized Capital: \$100,000.00.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 18, Tp. 48, Rge. 19, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Stoney Creek Collieries, Limited. (Mine No. 244)

Mine Office: Camrose

President: F. Adams.

Directors: F. L. Farley, E. L. Scotwold, D. Twomey.

Managing Director: D. Twomey.

Overman: D. S. Williamson.

Mine Surveyor: Norman Fraser.

Authorized Capital: \$50,000.00.

Location of Mine: L.S. 1, Sec. 33, Tp. 46, Rge. 20, W. of the 4th Mer.

Area: 200 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 82 feet.

Round Hill Collieries, Limited. (Mine No. 250)

Mine Office: Round Hill.

Secretary-Treasurer: J. Twomey.

Mine Surveyor: Norman Fraser.

Authorized Capital: \$100,000.00.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 30, Tp. 48, Rge. 18, W. of the 4th Mer.

Area: 80 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet.

Thickness of Cover: 18 feet.

The coal is obtained by removing the surface.

Canadian Dinant Coal Company, Limited. (Mine No. 374)

Mine and Head Office: Dinant.

President: J. S. McGuire.

Secretary-Treasurer: Miss J. M. Halbert.

Manager: J. Finlayson.

Mine Surveyor: L. Stevens.

Authorized Capital: \$100,000.00.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 12, Tp. 48, Rge. 20, W. of the 4th Mer.

Area: 130 acres.

Character of Coal: Domestic.

The following improvements and additions have been made to the mine during the year 1923:

An airshaft 50 feet deep has been completed and fan installed.

George Law. (Mine No. 601)

Mine Office: Round Hill.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 10, Tp. 48, Rge. 18, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 10 feet.

This mine is worked as a stripping pit.

S. H. Burnstad. (Mine No. 724)

Mine Office: Round Hill.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 14, Tp. 48, Rge. 18, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet.

Thickness of Cover: 10 feet.

This mine is worked as a stripping pit.

W. W. Casbeer. (Mine No. 760)

Mine Office: Round Hill.

Overman: J. Jacobson.

Location of Mine: L.S. 4, Sec. 30, Tp. 48, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 6 feet

Thickness of Cover: 12 feet.

F. A. Brandt. (Mine No. 971)

Mine Office: Camrose.

Overman: Daniel Colonel.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 28, Tp. 46, Rge. 20, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: Sloping

from 20 to 80 feet.

C. A. Fergstad. (Mine No. 1055)

Mine Office: Round Hill.

Location of Mine: L.S. 10, Sec. 30, Tp. 48, Rge. 18, W. of the 4th Mer.

This mine is at present closed.

Olaf Larson. (Mine No. 1072)

Mine Office: Jarrow

Location of Mine: L.S. 1, Sec. 15, Tp. 45, Rge. 10, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet.

Thickness of Cover: 15 to 70 feet.

This was operated as a stripping pit, but is now closed.

W. H. Wall. (Mine No. 1101)

Mine Office: R.R. No. 1, Camrose.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 29, Tp. 46, Rge. 19, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 6 inches.

Thickness of Cover: 10 feet.

This is operated as a stripping pit.

E. S. Ferguson & Mrs. J. H. McKenzie. (Mine No. 1107)

Mine Office: Dodds.

Overman: Alec Dragon.

Location of Mine: N.E. $\frac{1}{4}$ Sec. 11, Tp. 49, Rge. 18, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is just being opened up.

TOFIELD DISTRICT—DISTRICT NO. 29

J. J. McDevitt. (Mine No. 149)

Mine Office: Tofield.

Overman: J. J. McDevitt.

Mine Surveyor: C. C. Sutherland.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 24, Tp. 50, Rge. 19, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 14 feet.

Tofield Coal Company, Limited. (Mine No. 252)

Mine Office: Tofield.

Head Office: Benson Block, Edmonton.

Authorized Capital: \$250,000.00.

President: Robert Lee.

Vice-President: W. I. Crafts.

Directors: R. Lee, W. I. Crafts, C. Gallinger.

Secretary-Treasurer: C. Gallinger.

Mine Surveyor: A. Driscoll.

Location of Mine: Sec. 26, Tp. 50, Rge. 19, W. of the 4th Mer.

Area: 640 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet 6 inches.

Thickness of Cover: 16 feet.

This mine is worked as a stripping pit.

The Dobell Coal Company, Limited. (Mine No. 340)

Mine Office: Tofield.

Head Office: 138 St. Peters St., Quebec.

Authorized Capital: \$50,000.00.

President: W. M. Dobell.

Vice-President: A. E. Doucet.

Directors: W. M. McPherson, Lorenzo Evans, R. Reid Dobell, T. R. Henderson.

Secretary-Treasurer: F. O. Judge.

Managing Director and Mine Surveyor: T. R. Henderson.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 35, Tp. 50, Rge. 19, W. of the 4th Mer.

Area: 240 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 14 feet.

This mine is worked as a stripping pit.

G. H. Swift. (Mine No. 1069)

Mine Office: Hairy Hill.

Location of Mine: L.S. 2, Sec. 24, Tp. 55, Rge. 14, W. of the 4th Mer.

Character of Coal: Domestic.

This mine is at present closed.

CLOVER BAR DISTRICT—DISTRICT NO. 30

Clover Bar Mine Coal Company. (Mine No. 9)

This mine is abandoned.

*Humberstone Mines, Limited. (Mine No. 43)**(Formerly The Humberstone Coal Company, Limited)*

Mine Office: Beverly.

President: Geo. H. Bilson.

Vice-Presidents: C. E. Laderout, K. S. Campbell.

Secretary: H. S. Southgate.

Manager: G. H. Bilson.

Overman: Thos. Adams.

Mine Surveyor: R. H. Cautlev.

Authorized Capital: \$27,000.00.

Location of Mine: L.S. 15, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.

Area: 200 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet. Thickness of Cover: 50 to 125 feet.

No additions were made during the year.

Bush Mine Coal Company, Limited. (Mine No. 46)

Mine Office: Beverly.

Authorized Capital: \$45,000.00.

President: C. E. Laderoute.

General Manager: H. S. Southgate.

Superintendent: K. S. Campbell.

Manager and Mine Surveyor: N. Fraser.

Secretary-Treasurer: H. S. Southgate.

Overman and Examiner: R. Hedges.

Location of Mine: River Lot 42, Edmonton Settlement.

Area: 210 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 50 to 120 feet.

The following additions and improvements have been made to the mine during the year 1923.

They have built and completed a new washhouse giving accommodation for 90 additional men.

Keith & Fulton. (Mine No. 69)

Mine Office: Clover Bar.

Overman: Sam Finlay.

Mine Surveyor: A. C. Dunn.

Location of Mine: L.S. 16, Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet. Thickness of Cover: 9 feet to 100 feet.

Fraser-McKay Collieries, Limited. (Mine No. 90)

Mine Office: Clover Bar.

Head Office: 10055-101st St., Edmonton.

Authorized Capital: \$20,000.00.

President: Norman Fraser.

Vice-President and General Manager: W. C. McKay.

Manager and Mine Surveyor: N. Fraser.

Overman: R. Dalziel.

Location of Mine: L.S. 12, Sec. 8, Tp. 53, Rge. 23, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet. Thickness of Cover: 100 feet.

R. P. Ottewell. (Mine No. 91)

Mine Office: Clover Bar.

Overman: W. J. Ottewell.

Mine Surveyor: L. C. Stevens.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 17, Tp. 53, Rge. 23, W. of the 4th Mer.

Area: 140 acres.

Character of Coal: Domestic.

Thickness of Seam: 6 feet. Thickness of Cover: 80 feet.

Great West Coal Company, Limited. (Mine No. 99)

Mine Office: Clover Bar.

Head Office: 10126-100a Avenue, Edmonton.

Authorized Capital: \$150,000.00.

President: J. C. Dunn.

Directors: W. S. Cupples, J. C. Dunn, A. C. Dunn.
 Secretary-Treasurer: Thos. S. Campbell.
 Manager and Mine Surveyor: A. C. Dunn.
 Overman: John Russell.
 Examiners: R. McAndrews and Jas. Chalmers.
 Location of Mine: S.E. $\frac{1}{4}$ Sec. 7, Tp. 53, Rge. 23, W. of the 4th Mer.
 Area: 1,118 acres. Character of Coal: Domestic.
 Thickness of Seam: 7 feet. Thickness of Cover: 160 feet.

Marcus Coal Mines, Limited. (Mine No. 699)

Mine Office: Clover Bar.
 Head Office: McLeod Building, Edmonton.
 Authorized Capital: \$20,000.00.
 President: R. L. McIntyre.
 Vice-President: G. N. McIntyre.
 Secretary-Treasurer: O. P. Bush.
 General Manager: A. E. Nickerson.
 Manager and Mine Surveyor: L. C. Stevens.
 Overman: L. Parker.
 Location of Mine: L.S. 15, Sec. 8, Tp. 53, Rge. 23, W. of the 4th Mer.
 Thickness of Seam: 6 feet. Thickness of Cover: 125 feet.

A. J. Davidson. (Mine No. 707)

Mine Office: Beverly.
 Overman: W. Miller.
 Location of Mine: River Lot 40, Edmonton Settlement.
 Character of Coal: Domestic.
 Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 95 feet.

Molley & Raymond. (Mine No. 1052)

This mine is abandoned.

J. Reed & C. Robinson. (Mine No. 1087)

Mine Office: Beverly.
 Location of Mine: River Lot 40, Edmonton Settlement.
 Character of Coal: Domestic.
 This mine is at present closed.

Thomas Mather. (Mine No. 1104)

Mine Office: 8958--79th Avenue, Edmonton.
 Location of Mine: N.E. $\frac{1}{4}$ Sec. 36, Tp. 24, Rge. 52, W. of the 4th Mer.
 Character of Coal: Domestic.
 Prospecting work only has been done at this mine, which is at present closed.

EDMONTON DISTRICT—DISTRICT NO. 31

McPeak Coal Company. (Mine No. 49)

This mine is abandoned.

Edmonton Collieries, Limited. (Mine No. 147)

Mine Office: 92nd Street, Fraser Flats, Edmonton.
 Head Office: 10206--103rd St., Edmonton.
 Authorized Capital: \$50,000.00.
 President and General Manager: C. W. Rickard.
 Secretary-Treasurer: C. W. Leonard.
 Overman: J. Brown.
 Mine Surveyor: D. Jones.
 Location of Mine: River Lots 18 and 20, Edmonton Settlement.
 Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 100 feet.

The Dawson Coal Company, Limited. (Mine No. 155)

Head Office: McDougall Court, Edmonton.
Authorized Capital: \$30,000.00.
General Manager and Secretary-Treasurer: C. A. Hyndman.
Manager and Mine Surveyor: L. C. Stevens.
Overman: Jos. Heathcote.
Location of Mine: River Lot 25, Edmonton Settlement.
Area: 160 acres. Character of Coal: Domestic.

Penn Mine Coal Company, Limited. (Mine No. 632)

Mine Office: 10631--92nd St., Edmonton.
Head Office: 10351--82nd Street, Edmonton.
Authorized Capital: \$50,000.00.
President: Jas. H. Dowdell.
Directors: J. H. Starkey, A. N. Singleton, J. H. Dowdell.
General Manager: J. H. Starkey.
Manager and Overman: Jas. Clyne.
Mine Surveyor: D. Jones.
Location of Mine: River Lot 20, Edmonton Settlement.
Area: 130 acres. Character of Coal: Domestic.
Owner of Property: Department of Justice, Ottawa.

Reed & Brown. (Mine No. 869)

Mine Office: 74th St. and 109th Ave., Edmonton.
President: J. H. Reed.
Vice-President and Manager: Thos. F. Brown.
Overman: C. J. Ferguson.
Examiner: S. G. Collins.
Mine Surveyor: Thos. Brown.
Location of Mine: River Lot 26, Edmonton Settlement.
Area: 80 feet. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 70 to 200 feet.

STRATHCONA DISTRICT—DISTRICT NO. 32

James Ballantyne. (Mine No. 24)

Mine Office: Strathcona.
Location of Mine: L.S. 13, Sec. 20, Tp. 51, Rge. 25, W. of the 4th Mer.
This mine is at present closed.

A. Bulat & S. Pohlko. (Mine No. 29)

Mine Office: Edmonton South.
Overman: A. Bulat.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 23, W. of the 4th Mer.
Area: 40 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 115 feet.

Rudolph Bros. (Mine No. 720)

Mine Office: Strathcona.
Overman: E. Rudolph.
Location of Mine: L.S. 13, Sec. 5, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 143 acres. Character of Coal: Domestic.
Thickness of Seam: 4½ feet. Thickness of Cover: 200 feet.

Kuhnert & Hiller. (Mine No. 837)

Mine Office: Strathcona.
Overman: H. Kuhnert.
Location of Mine: S.W. $\frac{1}{4}$ Sec. 6, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 11 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet 6 inches. Thickness of Cover: 10 to 150 feet.
This mine is at present closed.

F. Carrello. (Mine No. 868)

Mine Office: R.R. 3, Strathcona.
Overman: F. Carrello.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 4, Sec. 28, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 80 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet 6 inches. Thickness of Cover: 80 feet.

Thomas Nearney. (Mine No. 877)

Mine Office: 10747-75th Avenue, Edmonton.
Overman: T. Nearney.
Mine Surveyor: L. C. Stevens.
Location of Mine: N.W. $\frac{1}{4}$ Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 100 feet.

Ilko Sereda. (Mine No. 886)

Mine Office: Leduc.
Overman: M. Sereda.
Location of Mine: N.W. $\frac{1}{4}$ Sec. 26, Tp. 50, Rge. 27, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 80 feet.

Magnus Pearson. (Mine No. 888)

Mine Office: Calmar.
Overman: Magnus Pearson.
Mine Surveyor: D. Jones.
Location of Mine: L.S. 6, Sec. 36, Tp. 50, Rge. 27, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 6 feet. Thickness of Cover: 100 feet.

Dominic Falvo. (Mine No. 922)

Mine Office: R.R. 3, Strathcona.
Location of Mine: L.S. 11, Sec. 28, Tp. 51, Rge. 25, W. of the 4th Mer.
This mine is at present closed.

Fred Hook. (Mine No. 950)

Mine Office: Leduc.
Overman: F. Hook.
Location of Mine: L.S. 5, Sec. 6, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 5 feet. Thickness of Cover: 10 to 90 feet.

Joseph Pickard & Company. (Mine No. 1022)

Mine Office: Ellerslie.
Overman: W. Fridel.
Mine Surveyor: L. C. Stevens.
Location of Mine: L.S. 12, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.
Area: 20 acres. Character of Coal: Domestic.
Thickness of Seam: 4 feet. Thickness of Cover: 10 to 115 feet.

K. Nimko & Granda. (Mine No. 1034)

Mine Office: 10338 Whyte Avenue, Edmonton South.

Overman: K. Nimko.

Mine Surveyor: L. C. Stevens.

Location of Mine: L.S. 11, Sec. 25, Tp. 51, Rge. 25, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet.

Thickness of Cover: 10 to 115 feet.

M. Vitaly & O. Archer. (Mine No. 1041)

Mine Office: Wetaskiwin.

Overman: M. Vitaly.

Location of Mine: L.S. 6, Sec. 10, Tp. 45, Rge. 24, W. of the 4th Mer.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 6 inches.

Thickness of Cover: 80 feet.

Wm. Collins. (Mine No. 1059)

This mine is abandoned.

Wm. Partridge. (Mine No. 1082)

Mine Office: Wetaskiwin.

Overman: Wm. Partridge.

Location of Mine: L.S. 1, Sec. 14, Tp. 45, Rge. 24, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 10 to 80 feet.

W. F. Langford. (Mine No. 1091)

Mine Office: R.R. 3, Strathcona.

Location of Mine: L.S. 9, Sec. 26, Tp. 51, Rge. 25, W. of the 4th Mer.

Prospecting work only has been done, the mine at present being closed.

Adolf Knie. (Mine No. 1099)

Mine Office: Leduc.

Overman: A. Matte.

Location of Mine: L.S. 12, Sec. 6, Tp. 51, Rge. 25, W. of the 4th Mer.

Area: 40 acres.

Character of Coal: Domestic.

Thickness of Seam: 4 feet 6 inches.

Thickness of Cover: 10 to 110 feet.

NAMAQ DISTRICT—DISTRICT NO. 33

Frank Smith. (Mine No. 389)

Mine Office: Namao.

Overman: Frank Smith.

Location of Mine: L.S. 16, Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet 8 inches.

Thickness of Cover: 50 feet.

Mrs. E. Kelly. (Mine No. 397)

Mine Office: Namao.

Manager: E. Sparrow.

Overman: Hans Hope.

Mine Surveyor: A. Driscoll.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.

Area: 160 acres.

Character of Coal: Domestic.

Thickness of Seam: 5 feet.

Thickness of Cover: 10 to 90 feet.

Mrs. E. Kelly. (Mine No. 428)

Mine Office: Namao.

Manager: E. Sparrow.

Mine Surveyor: A. Driscoll.

Location of Mine: L.S. 15, Sec. 8, Tp. 55, Rge. 24, W. of the 4th Mer.
 Area: 100 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 feet. Thickness of Cover: 60 feet.

J. W. Clarke. (Mine No. 1006)

This mine is abandoned.

J. W. Clarke & W. Eccleston. (Mine No. 1098)

Mine Office: Namao.
 Overman: J. W. Clarke.
 Location of Mine: L.S. 3, Sec. 31, Tp. 54, Rge. 24, W. of the 4th Mer.
 Character of Coal: Domestic.
 Prospecting work only is being done at this mine.

CARDIFF DISTRICT—DISTRICT NO. 34

Canadian Coal Company, Limited. (Mine No. 32)
(Formerly, Cardiff Collieries, Limited)

Mine Office: Cardiff.
 Head Office: 206 Quebec Bank Bldg., Edmonton.
 Authorized Capital: \$250,000.00.
 President: W. S. Campbell, Edmonton.
 Vice-President: E. J. Mahar, Edmonton.
 Secretary-Treasurer: L. A. Leonard.
 Manager: D. Jones.
 Overman: A. McGregor.
 Mine Surveyor: D. Jones.
 Location of Mine: L.S. 11, Sec. 24, Tp. 55, Rge. 25, W. of the 4th Mer.
 Area: 630 acres. Character of Coal: Domestic.
 Thickness of Seam: 5 to 10 feet. Thickness of Cover: 40 feet.

The following improvements and additions have been made to the mine during the year 1923:

New slopes have been sunk about a quarter of a mile to the east of the former openings. The tibble which is equipped with shaking screens has been re-erected at the site of the new openings.

North Star Coal Company. (Mine No. 129)
(Formerly Alberta Coal Mining Company, Limited)

Mine Office: Cardiff.
 Manager and Mine Surveyor: D. Jones.
 Overman: Gus. Ostheidt.
 Location of Mine: L.S. 16, Sec. 23, Tp. 55, Rge. 25, W. of the 4th Mer.
 Area: 320 acres. Character of Coal: Domestic.
 Thickness of Seam: 16 feet. Thickness of Cover: 40 feet.
 Owner of Property: Alberta Coal Mining Co. Ltd., Edmonton.

Banner Coal Company, Limited. (Mine No. 237)

This mine is abandoned.

J. A. Magwood. (Mine No. 926)

Mine Office: Morinville.
 Overman: H. L. Patton.
 Location of Mine: N.E. $\frac{1}{4}$ Sec. 36, Tp. 56, Rge. 26, W. of the 4th Mer.
 Area: 50 acres. Character of Coal: Domestic.
 Thickness of Seam: 6 feet. Thickness of Cover: 15 feet.

MacDonald, Burdick, Knole & Spencer. (Mine No. 1043)

Mine Office: Rochester.

Overman: Alex. McDonald.

Location of Mine: L.S. 10, Sec. 24, Tp. 62, Rge. 24, W. of the 4th Mer.

Area: 50 acres.

Character of Coal: Domestic.

Thickness of Seam: 2 feet.

Thickness of Cover: 50 feet.

Charles Morris. (Mine No. 1113)

Mine Office: 9335-104th Avenue, Edmonton.

Overman: Charles Morris.

Location of Mine: River Lot 42, Tp. 54, Rge. 25, W. of the 4th Mer.

Area: 100 acres.

Character of Coal: Domestic.

Prospecting work only is being done at this mine.

WABAMUN DISTRICT—DISTRICT NO. 35

Lakeside Coals, Limited. (Mine No. 419)

Mine Office: Wabamun.

Head Office: Room 36, Dominion Bank Bldg., Edmonton.

Authorized Capital: \$300,000.00.

President: E. A. McBain.

Vice-President: G. R. Roberts.

Secretary and Managing Director: W. W. McBain.

Manager and Mine Surveyor: Wm. Foster.

Examiner: A. Thomson.

Location of Mine: L.S. 15, Sec. 9, Tp. 53, Rge. 4, W. of the 5th Mer.

Area: 680 acres.

Character of Coal: Domestic.

Thickness of Seam: 28 feet.

Thickness of Cover: 50 to 150 feet.

The following improvements and additions have been made to the mine during the year 1923:

A main and tail rope haulage system has been installed from tippie to the inside. A 50 h.p. boiler supplying steam for same. Two electrically operated coal cutting machines. A new rooming house has been built.

Wm. Heath. (Mine No. 1128)

Mine Office: Fallis.

Overman: W. Heath.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 28, Tp. 53, Rge. 5, W. of the 5th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 8 feet.

Thickness of Cover: 40 feet.

PEMBINA DISTRICT—DISTRICT NO. 36

North American Collieries, Limited. (Mine No. 227)

Mine Office: Evansburg.

Head Office: 801 Lancaster Building, Calgary.

Authorized Capital: \$1,000,000.00.

President: H. A. Lovett, K.C.

Vice-President: Hugh Mackay.

Directors: J. W. Pyke, R. N. Ballantyne, B. Curry, J. M. Mackie.

Secretary-Treasurer: T. C. Boyd.

Manager: J. A. McLeod.

Overman: Peter Melling.

Examiners: M. Embree, D. Lamond, J. Melling, W. Birt, G. Hutchinson.

Mine Surveyor: G. B. Atkins.

Master Mechanic: W. H. Markle.

Location of Mine: S.E. $\frac{1}{4}$ Sec. 30, Tp. 53, Rge. 7, W. of the 5th Mer.

Area: 10,800 acres.

Character of Coal: Domestic.

Thickness of Seam: 7 feet 6 inches.

Thickness of Cover: 308 feet.

The following improvements and additions have been made to the mine during the year 1923:

A new frame washhouse with concrete floor and a new fireproof boiler house of sheet metal have been built replacing the ones destroyed by fire in the month of June.

Henry Bergmark. (Mine No. 1100)

Mine Office: Mayerthorpe.
 Overman: C. A. Johnson.
 Location of Mine: E. $\frac{1}{2}$ L.S. 10, Sec. 22, Tp. 59, Rge. 9, W. 5th Mer.
 Area: 40 acres. Character of Coal: Domestic.
 Thickness of Seam: 4 feet. Thickness of Cover: 20 to 50 feet.

JASPER PARK DISTRICT—DISTRICT NO. 37*Blue Diamond Coal Company, Limited. (Mine No. 429)*

Mine Office: Brule Mines.
 Head Office: Toronto, Ontario.
 Authorized Capital: \$1,500,000.00.
 President: J. P. Bickell.
 Vice-President: W. J. Sheppard.
 Secretary-Treasurer: H. G. Laux.
 Directors: J. P. Bickell, W. J. Sheppard, N. S. Dunlop, J. P. Tudhope,
 Strachan Johnson, D. A. McDougall.
 General Manager: Gordon F. Dickson.
 Manager: Wm. G. Heeley.
 Overman: Thos. Carr.
 Mine Surveyor: C. H. Cummings.
 Examiners: A. Williams, S. Reid, J. Logan, R. Richards.
 Location of Mine: L.S. 1, Sec. 16, Tp. 50, Rge. 27, W. of the 5th Mer.
 Area: 2,560 acres. Character of Coal: Bituminous.

The following improvements and additions have been made to the mine during the year 1923:

An endless rope haulage system has been installed in No 2 south slope, operated by a 600 h.p. steam engine. This haulage is operated on the overhead system, cars being attached to the rope by chains each sixteen feet long. A 150 h.p. locomotive type boiler has been installed. Improvements have been made to the tipple and conveyors have been installed from the tipple to the boiler house for the supply of boiler coal.

YELLOWHEAD DISTRICT—DISTRICT NO. 38*Yellowhead Coal Company. (Mine No. 220)*

This mine is abandoned.

Sterling Collieries, Limited. (Mine No. 769)

Mine Office: Sterco, A. C. Branch, C.N.R.
 Head Office: 911 McLeod Building, Edmonton.
 Chairman of the Board: Geo. B. O'Connor.
 General Manager: R. M. Halpenny.
 Assistant General Manager: G. E. Winkler.
 Superintendent: W. F. Stevenson.
 Treasurer and Purchasing Agent: C. B. Munson.
 Secretary: F. J. Mitchell.
 Mine Surveyor: W. H. Duggan.
 Authorized Capital: \$3,000,000.00.
 Location of Mine: L.S. 2, Sec. 35, Tp. 47, Rge. 20, W. of the 5th Mer.
 Area: 320 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 200 feet. Thickness of Cover: from 8 to 30 feet.

The following improvements and additions have been made to the plant during the year:

A rotary screen and one shaker screen have been installed; also an addition has been built to the storehouse.

This mine is operated as a stripping pit.

Foothills Collieries, Limited. (Mine No. 771)

Mine Office: Foothills.
 Head Office: 228 Portage Avenue, Winnipeg, Manitoba.
 Authorized Capital: \$300,000.00.
 President: W. A. Windatt.

Vice-President: E. H. Bennest.
 Secretary-Treasurer: C. D. Shepard.
 Superintendent: W. B. Onions.
 Manager and Mine Surveyor: W. H. Duggan.
 Location of Mine: L.S. 10, Sec. 24, Tp. 47, Rge. 20, W. of the 5th Mer.
 Area: 320 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 17 feet. Thickness of Cover: from 20 to 200 feet.

The following improvements and additions have been made to the plant during the year:

Installed one return tubular boiler 120 h.p., and a six kilowatt electric generator for the purpose of supplying lights. A new boilerhouse and machine shop have been erected.

The Balkan Coal Company, Limited. (Mine No. 775)

Mine Office: Balkan.
 President: Geo. Bulaic.
 Secretary: M. V. Marion.
 Overman: Evan Richards.
 Master Mechanic: J. J. Kadlec.
 Mine Surveyor: O. L. Puckett.
 Location of Mine: L.S. 3, Sec. 14, Tp. 49, Rge. 21, W. of the 5th Mer.
 Area: 960 acres. Character of Coal: Sub-Bituminous.

Superior Collieries, Limited. (Mine No. 833)
(Formerly Brookdale Coal Company, Limited)

Authorized Capital: \$30,000.00.
 Mine Office: Lovettville.
 Head Office: 3 McDougall Court, Edmonton.
 President: Enrico Menis.
 Vice-President: Giuseppe Baratta.
 Secretary-Treasurer: Andrew Ballarin.
 Managing Director: Felice De Angelis.
 Overman: John Brady.
 Mine Surveyor: J. A. H. Church.
 Location of Mine: L.S. 6, Sec. 16, Tp. 47, Rge. 19, W. of the 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.

McLeod River Hard Coal Company, Limited. (Mine No. 846)

Mine Office: Mercoal, via Coalspur.
 Authorized Capital: \$20,000.00.
 President: N. Gurvich.
 Secretary-Treasurer: C. H. Orme.
 Directors: N. Gurvich, J. G. Scott, J. Miller.
 General Manager: W. F. Beak.
 Overman: Awrey Rice.
 Mine Surveyor: David Jones.
 Location of Mine: L.S. 5, Sec. 25, Tp. 48, Rge. 22, W. of the 5th Mer.
 Area: 160 acres. Character of Coal: Sub-Bituminous.
 Thickness of Seam: 16 feet. Thickness of Cover: 100 feet.

Blackstone Coal, Limited. (Mine Nos. 896 & 1014)

These mines are at present closed.
 Authorized Capital: \$1,000,000.00.

Coal Valley Mining Company, Limited. (Mine No. 1002)

Mine Office: Coal Valley, via Edson.
 Edmonton Office: 806 McLeod Building, Edmonton.
 Authorized Capital: \$1,000,000.00.
 President: Louis Pratt.
 Vice-President: J. H. McGregor.
 Managing Director: Leon Bureau.

Secretary-Treasurer: C. E. Barry.

Directors: Hon. Rudolphe Lemieux, Leon Mercier-Gouin, LL.D., Count H. de Liedekerke, R. L. McIntyre, G. N. McIntyre, H. R. McGregor, John Mackrell, Vernard H. McIntyre.

Superintendent: C. E. Davignon.

Mine Surveyor: J. A. H. Church.

Master Mechanic: M. W. Urquhart.

Location of Mine: L.S. 16, Sec. 26, Tp. 47, Rge. 20, W. of the 5th Mer.

Area: 2,964 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 150 feet.

Thickness of Cover: 9 to 15 feet.

The following additions and improvements have been made to the mine during the year 1923: viz., three bunk houses and an assembly hall erected.

This mine is operated as a stripping pit.

Wellington Coal Company. (Mine No. 1078)

Mine Office: Blackstone P.O.

President: P. Ruzzie.

Vice-President: Tony Mucci.

Secretary-Treasurer: G. E. Deere.

Overman: Harry Hunter.

Location of Mine: Sec. 19, Tp. 47, Rge. 19, W. of the 5th Mer.

Area: 300 acres.

Character of Coal: Sub-Bituminous.

Thickness of Seam: 10 feet.

Thickness of Cover: 20 to 60 feet.

MOUNTAIN PARK DISTRICT—DISTRICT NO. 39

Mountain Park Coal Company, Limited. (Mine No. 282)

Mine Office: Mountain Park.

Head Office: 708 Tegler Building, Edmonton.

Authorized Capital: \$3,000,000.00.

President: Lt.-Col. Alex. Mitchell, Luscar, Scotland.

Board of Directors: Chairman, Lt.-Col. A. Mitchell, David McCowan, R. W. Jones, R. F. Kirkpatrick, R. G. Drinnan, J. C. Dunn, Col.

M. E. Lindsay, D.S.O.

Managing Directors: R. G. Drinnan and J. C. Dunn.

Secretary: J. C. Dunn.

Manager: A. N. Scott.

Overman: Wm. Robinson.

Mine Surveyor: J. W. Lewis.

Examiners: G. Thom, J. Price, J. Oakley.

Location of Mine: Sec. 33, Tp. 45, Rge. 23, W. of the 5th Mer.

Area: 5,120 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the mine during the year 1923:

Ash conveyor, coal bins and feed water heater have been added to the slope boiler plant. Snow sheds have been built over the main tracks. A rock tunnel is being driven to open up some seams of coal which are above the seams at present being operated. A temporary tippie has been built at the site of the rock tunnel. Considerable prospecting by diamond drill has been done at this mine during the year.

Cadomin Coal Company, Limited. (Mine No. 693)

Mine Office: Cadomin.

Head Office: 282 Main Street, Winnipeg, Manitoba.

Authorized Capital: \$2,000,000.00.

President: F. L. Hammond.

Secretary-Treasurer: Miss E. M. Powley.

Directors: W. J. Dick, F. L. Hammond, T. M. Burnett, Miss Powley.

General Manager: W. J. Dick.

Manager: J. H. McMillan.

Overman: E. Coupland.

Assistant Overmen: J. Roberts, G. Nicol.

Mine Surveyor: A. L. Clement.

Examiners: J. Higgins, T. Shaw, R. Muir, P. McKenna.

Location of Mine: L.S. 14, Sec. 31, Tp. 46, Rge. 23, W. of the 5th Mer.
 Area: 4,000 acres. Character of Coal: Bituminous.

The mine is entered by a rock tunnel driven parallel to the seam to which connection is made by means of short cross measure tunnels. A raise has been put to the surface from the main rock tunnel; off this raise a counter tunnel is being driven parallel to the main tunnel for ventilation purposes.

The following improvements and additions have been made to the mine during the year 1923:

A Sirocco fan has been installed at the top of the raise from the main tunnel. A 150 h.p. boiler, one Hoppe feed water heater; also two Weir boiler feed pumps have been installed in the boiler house. A 200 kilowatt electric generator and a 600 cubic feet air compressor have been installed in the power house. A new boiler and power house, several cottages, a hotel and other buildings have been erected.

Luscar Collieries, Limited. (Mine No. 905)

Mine Office: Luscar.

Head Office: 708 Tegler Building, Edmonton.

Authorized Capital: \$1,000,000.00.

President: Lt.-Col. Alexander Mitchell, Scotland.

Vice-President: R. G. Drinnan.

Directors: A. Mitchell, David McCowan, R. G. Drinnan, Col. M. E.

Lindsay, D.S.O., A. C. Dunn, J. C. Dunn.

Secretary: J. C. Dunn.

Managing Directors: R. G. Drinnan, J. C. Dunn.

Manager: W. B. Hetherington.

Overman: Thos. Shaw.

Mine Surveyor: L. Chavignand.

Examiners: D. Cameron, W. Morgan, W. Pickles, T. Harrison, A. C. Brovey.

Location of Mine: Sec. 23, Tp. 47, Rge. 24, W. of the 5th Mer.

Area: 5,000 acres.

Character of Coal: Bituminous.

The following improvements and additions have been made to the mine during the year 1923:

Considerable prospecting by means of the diamond drill has been done on the property. A new fireproof power house of steel and concrete construction has been built. Two 150 h.p. boilers, a feed water heater and pump and one electric generator of 150 kilowatt have been installed. A new lamp cabin and time office have been built. The capacity of the washhouse has been doubled and a large store has been erected.

PEACE RIVER DISTRICT—DISTRICT NO. 40

Geo. A. Richardson. (Mine No. 1118)

Mine Office: Halcourt.

Location of Mine: S.W. $\frac{1}{4}$ Sec. 25, Tp. 70, Rge. 11, W. of the 6th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 4 inches. Thickness of Cover: 20 to 120 feet.

This mine is closed.

Samuel Drociuk. (Mine No. 1119)

Mine Office: Halcourt.

Overman: S. Drociuk.

Location of Mine: L.S. 1, Sec. 21, Tp. 70, Rge. 10, W. of the 6th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 30 inches.

Thickness of Cover: 10 to 60 feet.

Adolph Hugel. (Mine No. 1120)

Mine Office: Grande Prairie.

Overman: A. Hugel.

Location of Mine: L.S. 14, Sec. 25, Tp. 70, Rge. 7, W. of the 6th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 13 inches Thickness of Cover: 10 to 200 feet.

This is operated as a stripping pit.

John Arac. (Mine No. 1121)

Mine Office: Sexsmith.

Location of Mine: Sec. 8, Tp. 75, Rge. 3, W. of the 6th Mer.

Area: 20 acres.

Character of Coal: Domestic.

Thickness of Seam: 3 feet 8 inches. Thickness of Cover: 12 to 18 feet.

The mines in the Peace River District supply local trade only.

The following table shows the number of mines, opened, abandoned, and re-opened, according to Districts and kind of coal, during the year:

Districts		Kind of Coal	Mines in operation Dec. 31	Opened during year	Abandoned during year	Re-opened during year	Closed as at Dec. 31 but not abandoned	Name and address of District Inspector
Name	No.							
Crow's Nest P. Pincher Creek	1	Bituminous	6	..	1	..	2	James Crowder, Blairmore, Alta. Telephone No. 70.
	2	Sub-Bit.	5	3	1	..	3	
Lethbridge ...	3	Domestic	16	4	1	1	4	Joseph B. deHart, Box 307, Lethbridge, Alta. Telephone No. 325
Magrath ...	4	Domestic	5	1	1	1	3	
Milk River ...	5	Domestic	10	2	3	..	4	
Taber ...	6	Domestic	10	5	1	..	2	
Bow Island ...	7	Domestic	9	3	3	1	3	
Medicine Hat ...	8	Domestic	5	2	1	..	..
Aldersyde ...	9	Domestic	8	1	3	..	..
High River ...	10	Domestic	3	..	2	..	1	
Brooks ...	21	Domestic	6	1	6	..	..
Gleichen ...	14	Domestic	7	2	Duncan McDonald Drumheller, Alta. Telephone No. 413.
Drumheller ...	15	Domestic	14	1	4	..	..
Rosedale ...	16	Domestic	5	2	..	..	2
Wayne ...	17	Domestic	8	1	..	..	..
Hanna ...	22	Domestic	18	2	4	..	1	
Big Valley ...	18	Domestic	6	2	1	..	4	
Calgary ...	11	Sub-Bit.	2	Michael Cranston, Box 227, Camrose, Alta. Telephone No. 72.
Canmore ...	12	Bituminous	1	..	1	..	..
Banff ...	13	Anthracite	..	..	1	..	..
Lacombe ...	23	Domestic	10	4	11	..	5	
Trochu ...	24	Domestic	11	2	12	..	11	
Three Hills ...	25	Domestic	5	..	2	..	1	
Carbon ...	26	Domestic	6	1	5	..	1	
Battle River ...	27	Domestic	21	2	8	1	7	
Camrose ...	28	Domestic	10	3	..	..	2
Tofield ...	29	Domestic	3	..	..	..	1
Strathcona ...	32	Domestic	8	3	4	1	5	
Peace River ...	40	Domestic	3	4	..	..	1
Clover Bar ...	30	Domestic	9	2	3	James A. Richards, Edmonton, Alta. Telephone No. 1089.
Edmonton ...	31	Domestic	4	..	1	..	..
Namoo ...	33	Domestic	4	1	1	..	..
Cardiff ...	34	Domestic	4	1	2	..	1	
Saunders ...	19	Sub-Bit.	3	..	..	..	1
Brazeau ...	20	Bituminous	1	..	..	..	..
Wabamun ...	35	Domestic	1	1	Thomas Horne, Edson, Alta.
Pembina ...	36	Domestic	3	2	..	..	..
Jasper Park ...	37	Bituminous	1	..	..	..	1
Yellowhead ...	38	Sub-Bit.	6	1	2	..	2	
Mountain Park	39	Bituminous	3	..	..	..	..
Total			258	59	87	5	68	

In addition to the above, Mr. James A. Richards (11009 89th Avenue, Edmonton) is acting in the capacity of General District Inspector of Mines; Telephone No. 3662.

LIST OF MINES

The following table gives particulars of Mines which have been opened in the Province:

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
42	Alberta Railway & Irrigation Co.	Lethbridge	2		10	5	Sub-Bituminous	1905	1906	....
218	Consolidated with No. 296	Champion	9	S. 1/2	8	16	Domestic	1909	....	....
223	Adams Coal Mine Co., Ltd.	Lethbridge	3	S.E. 1/4	16	10	Domestic	1910	1913	....
270	Arblaster & Lloyd	Bow Island	7	5	11	11	Domestic	1911	1913	....
296	Ashmore & Sons, J. H.	Champion	9	L.S. 1	8	16	Domestic	1911	....	....
358	Annon & Barr	Winnifred	7	L.S. 12	22	12	Domestic	1912	1922	....
390	Abel, W. S.	Kippenville	5	S.W. 1/4	1	3	Domestic	1913	1916	....
432	Ashmore, James	Reid Hill	9	S.E. 1/4	24	16	Domestic	1914	1915	....
443	Anderson, William J.	Sheerness	22	L.S. 1	12	29	Domestic	1914	....	....
474	Armour & Stauffer	Morrin	18	L.S. 2	28	31	Domestic	1915	1915	....
475	Aune, George	Morrin	18		22	31	Domestic	1915	1915	....
620	Alberta Block Coal Co., Ltd.	Drumheller	15	N.W. 1/4	3	29	Domestic	1915	....	....
631	Aiello, James	Ardley	24	L.S. 7	17	38	Domestic	1916	1923	....
672	Annon, Dominic	Winnifred	7	L.S. 3	27	12	Domestic	1916	....	....
684	Atlas Coal Co., Ltd.	Drumheller	15	L.S. 2	10	29	Domestic	1917	....	....
701	Alberta Superior Coal Co.	Drumheller	15	L.S. 10	11	29	Domestic	1917	1923	....
708	Auchenback, Andrew	Thelma	8	N.E. 1/4	12	7	Domestic	1917	1917	....
712	Archibald, D.	Elcan	6	L.S. 8	4	10	Domestic	1917	1918	....
756	Acorn Coal Co., Ltd.	Saunders W.	19	L.S. 16	23	40	Sub-Bituminous	1918	....	....
760	Atlas Coal Mine	Round Hill	28	L.S. 4	30	48	Domestic	1918	....	....
787	Ardley-Hardite Coll., Ltd.	Ardley	24	L.S. 12	21	38	Domestic	1918	....	....
792	Allen, E. D.	Rosalind	27	N.E. 1/4	18	43	Domestic	1918	1919	....
820	Alberta & Crow's Nest Coal Co., Ltd.	Coleman	1	N.W. 1/4	3	8	Bituminous	1919	1922	....
852	Alexo Coal Co., Ltd.	Alexo P. O.	19		27	40	Sub-Bituminous	1920	....	....
861	Acadia Coal Mine	Calgary	18	L.S. 14	22	35	Domestic	1920	1922	....
879	Allen, E. D.	Rosalind	27	N.E. 1/4	18	43	Domestic	1920	1921	....
889	Atkinson, J. T.	Lethbridge	3	L.S. 16	2	8	Domestic	1921	....	....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	R. M.		Open- ing.	Aban- don- ment	
939	Arndt, Lengert & Shultze	Edmonton	32	L. S. 1	35	50	Domestic	1921	....	....
1089	Arcadia Coal Co., Ltd.	Drumheller	16	E. 1/2	27	18	Domestic	1923	....	....
1106	Allen, Ralph	Cornucopia	23	L. S. 2	5	37	Domestic	1923	....	....
1121	Arac, J.	Sexsmith	40	L. S. 8	9	75	Domestic	1923	....	....
24	Ballantyne, James	Edmonton	32	L. S. 12	20	51	Domestic	1897	....	....
25	Banach & Hoynack	Edmonton	32	S. S. Sask. River		25	Domestic	1897	1899	....
26	Bailey, Robert	St. Albert	33	Near St. Albert			Domestic	1897	1898	....
29	Bulat & Poholko	Edmonton	32	L. S. 11	25	51	Domestic	1897	....	....
30	Berkovich & McPherson	Black Diamond	10	L. S. 13	8	20	Sub-Bituminous	1899	1918	1920
34	Bangs, J. A.	Lincham	10	On Sheep Creek			Sub-Bituminous	1897	1900	....
45	Baldwin, J.	Edmonton	31	Near Edmonton			Domestic	1900	1905	....
46	Bush Mine Coal Co., Ltd.	Beverly	30	R.L. 42 Edm. Sett.			Domestic	1905	....	....
56	Baker, R. J.	Magrath	4	L. S. 2	7	7	Domestic	1909	1921	1923
72	Blackfoot Indians	Glerchen	14	Indian Reserve			Domestic	1902	....	....
82	Bay Coal Co., Ltd.	Taber	6	L. S. 8	10	16	Domestic	1907	1916	1922
117	Bothamley, C. F.	Three Hills	25	L. S. 10	22	31	Domestic	1906	1908	....
137	Bennett, Isaac	Reid Hill	9	N.W. 1/4	4	16	Domestic	1907	1915	....
143	Bell, W. J.	Bowville	9	N.E. 1/4	25	14	Domestic	1907	1913	....
153	Burnis Coal Co.	Burnis	1	N.E. 1/4	14	7	Bituminous	1907	1916	....
164	Belmont Coal Co.	Edmonton	31	L. S. 7	24	53	Domestic	1908	1908	....
167	Ben Nevis Mines, Ltd.	Nevis	23	S.E. 1/4	11	39	Domestic	1908	1913	....
168	Beaver Dam Coal Co.	Nevis	23	N.E. 1/4	2	39	Domestic	1908	1913	....
176	Bradshaw Mining Co.	Magrath	4	L. S. 13	31	3	Domestic	1908	1913	1916
179	Balog, Steve	Milk River	5	L. S. 6	7	29	Domestic	1908	1916	1922
189	Balogh, A.	Carbon	26	L. S. 6	23	10	Domestic	1909	1910	....
206	Burdett City Coal Co.	Burdett	7	L. S. 16	29	16	Domestic	1910	1915	1921
224	Barwell, G. W.	Long Coulee	9	L. S. 11	18	10	Domestic	1910	1917	....
229	Berford, Edward	Taber	6				Domestic	1910	....	....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
232	Bawlf Coll., Ltd., The	Bawlf	28	10	46	18	Domestic	1910	1913
234	Baker, Hoge & Baker	Eyremore	21	11	17	17	Domestic	1910	1916
237	Banner Coal Co., Ltd.	Cardiff	34	5	55	25	Domestic	1910	1923
240	Bitterman, Jacob	Halkirk	23	L.S. 5	32	39	Domestic	1910	1923
245	Bish Bros., & Le Gear	Forestburg	27	N.W. 1/4	32	39	Domestic	1910	1910
248	Bish Bros. & Co.	Forestburg	27	L.S. 13	36	40	Domestic	1910	1910
256	Brazeau Collieries, Ltd.	Nordegg	20	L.S. 14	1	41	Domestic	1910	1913
284	Big Chief Coal Min. Co., Ltd.	Kimball	5	N.W. 1/4	22	40	Bituminous	1910	1913
288	Baines, H.	Gadsby	23	N.W. 1/4	9	1	Domestic	1911	1913
300	Bullock Coal Min. Co.	Pincher Creek	2	S.E. 1/4	28	39	Domestic	1911	1916
302	Battle River Collieries	Rosenroll	28	16	6	30	Sub-Bituminous	1911	1913
305	Bonnie Brae Coal & Quarries, Ltd.	Cochrane	12	S.E. 1/4	7	46	Domestic	1911	1917
306	Bennie, James S.	Lucky Strike	5	3	3	11	Bituminous	1911	1912
328	Burchill, Wilson	Huxley	24	3	26	4	Domestic	1911	1914
345	Consolidated with 732	Bow Island	7	S.W. 1/4	13	34	Domestic	1911	1911
356	Brown, Moses	Medicine Hat	8	L.S. 13	6	8	Domestic	1912	1916
364	Big Valley Collieries, Ltd.	Big Valley	18	N.E. 1/4	28	12	Domestic	1912	1912
365	British Collieries, Ltd.	Red Deer	20	N.W. 1/4	1	36	Bituminous	1912	1913
372	Bathurst Mining Co., Ltd.	Diamond City	3	5	10	21	Domestic	1912	1915
388	Bighorn & Saunders Creek Coll., Ltd.	Saunders	19	N.E. 1/4	24	40	Sub-Bituminous	1913	1916
391	Block Coal Coll., Ltd.	Taber	6	N. 1/2	19	10	Domestic	1913	1916
401	Black, William	Lucky Strike	5	L.S. 8	10	3	Domestic	1913	1914
406	Consolidated with No. 433	Lineham	10	2	20	3	Sub-Bituminous	1913	1920
415	Brocklebank, George	Parr	22	L.S. 4	5	29	Domestic	1913	1919
416	Burns Coal Mines, Ltd., P.	Calgary	12	L.S. 5	14	19	Bituminous	1913	1919
429	Blue Diamond Coal Co., Ltd.	Brule Mines	37	L.S. 1	16	50	Bituminous	1914	1914
433	Blacklock, David B.	Lineham	10	S.E. 1/4	2	20	Sub-Bituminous	1914	1920
435	Bye, E. F.	Lucky Strike	5	L.S. 9	16	3	Domestic	1914	1914

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location		Character of Coal	Date of	
				S.	T. R. M.		Open- ing	Re- open- ing
452	Borthwick, Alexander	Pincher Creek	2	S.W. ¼	17 5	Sub-Bituminous	1914	1918
456	Brooks, Edmund J.	Hillsprings	5	L.S. 9	13 4 28	Domestic	1914	1914
457	Bradley & Watson	Pincher Creek	2	L.S. 9	16 6 30	Sub-Bituminous	1914	1914
464	Brooks, Burton T.	Drumheller	15	L.S. 4	23 29 20	Domestic	1915	1915
485	Black Diamond Oil Fields, Ltd.	Lineham	10	L.S. 4	29 19 4	Sub-Bituminous	1915	1915
486	Berg, Frederick	Hanna	22	L.S. 3	29 32 13	Domestic	1915	1915
619	Ball, Matthew	Breda	24	N.E. ¼	10 35 21	Domestic	1916	1916
646	Bradshaw, James	Garden Plain	22	L.S. 1	1 34 14	Domestic	1916	1916
647	Brisco, Frank	Hillsprings	5	L.S. 4	3 4 27	Domestic	1916	1918
655	Brown, Samuel H.	Halcourt	40	L.S. 6	21 70 7	Domestic	1916	1918
659	Bennett, Isaac	Armada	9	L.S. 9	29 16 21	Domestic	1916	1918
689	Bragdich, George	Thelma	8	L.S. 5	18 7 2	Domestic	1917	1917
700	Brooks & King	Elcan	6	L.S. 2	10 10 17	Domestic	1917	1917
716	Bare, W. R.	Maycroft	2	L.S. 9	27 10 3	Sub-Bituminous	1917	1919
724	Burnstadt, S. H.	Round Hill	28	L.S. ¼	14 48 18	Domestic	1917	1919
732	Breeding, S. B.	Maleb	7	L.S. 13	6 8 10	Domestic	1918	1920
736	Blacklock, David B.	Lineham	10	L.S. 8	2 20 3	Sub-Bituminous	1918	1923
755	Brisco, Frank	Cardston	5	W. ½	34 3 26	Domestic	1918	1923
757	Bow City Coal Co.	Eyremore	21	S.W. ½	32 17 17	Domestic	1918	1921
774	Britannia Collieries, Ltd.	Wabamun	35	R.A. 7	8 53 4	Domestic	1918	1918
775	Balkan Coal Co., Ltd.	Balkan	38	L.S. 3	14 49 21	Sub-Bituminous	1918	1921
780	Brooks, C. T.	Bow Island	7	L.S. 2	1 12 11	Domestic	1918	1921
781	Bow City Coal Co.	Eyremore	21	S.W. ¼	32 16 17	Domestic	1918	1921
786	Burns Coal Mines, Ltd., P.	Calgary	12	L.S. 3	14 19 7	Bituminous	1918	1923
802	Blairmore Coal Co., Ltd.	Blairmore	1	E. ½	34 7 4	Bituminous	1919	1923
804	Betts, Alma	Manyberries	5	L.S. 9	18 3 6	Domestic	1919	1921
842	Batie, James A.	Bassano	21	S.W. ¼	34 20 19	Domestic	1919	1921
875	Baxter, Robert, & E. F.	Rocky Mt. Hs.	19	S.E. ¼	21 39 7	Sub-Bituminous	1920	1921

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing.	Aban- don- ment
881	Bradley & Walters	Lucky Strike	5	L. S.	11	10	Domestic	1921	.....
895	Bowden, E. S.	Taber	6	L. S.	8	16	Domestic	1921	.....
897	Bryan Coal Co., Ltd.	Lovettville	38	N.	1/2	17	Sub-Bituminous	1921	1923
908	Bishop, R. H.	Millet	32	L. S.	1	4	Domestic	1921	1921
935	Barker, J. H.	Gainford	36	E.	1/2	36	Domestic	1921	1922
943	Belmont Coal Co., Ltd.	Edmonton	32	L. S.	3	11	Domestic	1921	1922
952	Bohne Bros. & Gilles	Forestburg	27	L. S.	12	33	Domestic	1921	.....
954	Bobier, L.	Lousana	24	L. S.	9	26	Domestic	1921	1923
955	Bulcourt, Louis	Halkirk	27	S. E.	1/4	20	Domestic	1921	1923
957	Blair, Dennis	Delburne	24	L. S.	5	11	Domestic	1921	.....
962	Bolze, William	Delburne	24	L. S.	5	2	Domestic	1921	1923
963	Batie, James A.	Milo	9	L. S.	14	10	Domestic	1921	1922
969	Blades, James	Nevis	24	L. S.	14	10	Domestic	1921	.....
971	Brandt, F. A.	Camrose	28	S. E.	1/4	28	Domestic	1922	.....
973	Beaver Coal Co.	Ardley	24	L. S.	16	17	Domestic	1922	1923
982	Bellamy, J. J.	Edberg	27	L. S.	10	17	Domestic	1922	1923
1014	Blackstone Coal, Ltd.	Blackstone	38	S. E.	1/4	19	Sub-Bituminous	1922	.....
1021	Big Ton Coal & By-Products Co., Ltd.	Calgary	18	N. W.	1/4	26	Domestic	1922	.....
1023	Brown, Austin C.	Milo	9	S. W.	1/4	27	Domestic	1922	1923
1031	Barr, Peter B.	Bow Island	7	L. S.	14	22	Domestic	1922	.....
1044	Berg & Brown	Alix	24	L. S.	3	29	Domestic	1922	.....
1046	Bulcourt, Louis	Halkirk	23	L. S.	6	20	Domestic	1922	.....
1068	Blair, Alphonso	Delburne	24	L. S.	8	11	Domestic	1922	.....
1079	Barnwell Community Mine Co.	Barnwell	6	S. E.	1/4	9	Domestic	1922	.....
1088	Bland, Shapley & Bennet	Taber	6	L. S.	10	16	Domestic	1923	.....
1100	Bergmark, Henry	Mayerthorpe	36	L. S.	10	22	Domestic	1923	.....
2	Canmore Coal Co., Ltd.	Canmore	12	L. S.	10	22	Bituminous	1923	1896

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District- No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
3	Can. Pac. Ry., Dept. Nat. Res.	Lethbridge	3	L.S. 13	6	9 21	Domestic	1895	1923	
9	Clover Bar Mine Coal Co.	Beverly	30	L.S. 2	18	53 23	Domestic	1897	1923	
14	Consolidated with No. 9	Beverly	30	L.S. 1	18	53 23	Domestic	1896	1923	
32	Canadian Coal Co., Ltd.	Cardiff	34	L.S. 11	24	55 25	Domestic	1902		
44	Carpenter, Elia	St. Albert	33	L.S. 1/4	17	55 24	Domestic	1897	1899	
62	Cresswell, Charles	Medicine Hat	8	Near Medicine Hat			Domestic	1902	1906	
63	Cameron, John	Okotoks	10	Near Okotoks			Sub-Bituminous	1902	1904	
80	Can. Pac. Ry., Dept. Nat. Res.	Bankhead	13	19 26	11	5	Anthracite	1903	1923	
83	Consolidated Coal Mining Co.	Medicine Hat	8	2 9	5	4	Domestic	1905	1907	
93	Cameron, John	Edmonton	31	R.L. 18	Ed. Sett.		Domestic	1904	1906	
121	Carbon Brick & Coal Co.	Carbon	26	19 29	23	4	Domestic	1906	1909	
132	Canadian Pacific Railway Co.	Taber	6	L.S. 14	7 10	16 4	Domestic	1907		
192	City of Lethbridge	Lethbridge	3	L.S. 7	36	8 22	Domestic	1909		
207	Carbon Hill Coal & Coke Co.	Spokane	1	3 6	3	5	Bituminous	1909		
215	Chappell, E. E.	Tofield, R. R. 3	28	L.S. 11	14	49 18	Domestic	1909	1913	
230	Cousins, R. W. K.	Cochrane	12	S.E. 1/4	6 26	4 5	Sub-Bituminous	1910	1910	
247	Chinook Coal Co., Ltd.	Commerce	3	L.S. 7	12	16 22	Domestic	1910		
260	Connor Coal Mining Co., Ltd.	Wabamun	35	S.W. 1/4	14	53 4	Domestic	1910	1916	
293	Coal Securities, Ltd.	Frank	2	2 6	3	5	Bituminous	1911	1913	
339	Collins, James A.	Coalspur	38	33 48	21	5	Sub-Bituminous	1912	1913	
349	Callie Coal Co., Ltd.	Drumheller	15	L.S. 14	2 29	20 4	Domestic	1912	1923	
360	Castella Bros.	Standard	14	L.S. 13	2 25	22 4	Domestic	1912		
374	Canadian Dinant Coal Co., Ltd.	Dinant	28	N.E. 1/4	12 48	20 4	Domestic	1912	1914	1918
386	Cameron Bros.	Namao	33	S.W. 1/4	17 55	24 4	Domestic	1913	1915	
387	Cable Bros. & Williams	Gadsby	23	N.W. 1/4	28 39	16 4	Domestic	1913	1916	
420	Clarke & Davis	Namao	33	S.E. 1/4	8 55	24 4	Domestic	1913	1915	
424	Consumers' Coal Co., Ltd.	Wabamun	35	E. 1/2	30 52	4 5	Domestic	1914	1917	
438	Curren, J. D.	Banff	13	33 25	11	5	Anthracite	1914	1918	

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
454	Callow, Arthur W.	Warner	5	L.S.	12	9	Domestic	1914	1923
459	Chambers, D.	Swalwell	26	S.W.	¼	15	Domestic	1914	1923
460	Clemens, P. F.	Gem	21	L.S.	4	12	Domestic	1914	.....
473	Cook, W. R.	Morrin	18	N.E.	¼	28	Domestic	1915	1916
492	Cattenach, Donald	Garden Plain	22	N.E.	¼	6	Domestic	1915	1915
498	Carter, Marvin M.	Halkirk	23	N.E.	¼	6	Domestic	1915	1923
499	Cambrian Coal Co.	Elcan	6	L.S.	2	4	Domestic	1915	1921
629	Calgary Copper Co., Ltd.	Calgary	13	Near Eldon	.....	10	Copper	1915	1919
634	Clarke, A. C.	Verdant Valley	16	N.E.	¼	14	Domestic	1916	1921
657	Coldren, Earl	Peace River	40	L.S.	3	28	Domestic	1916	1918
660	Christopher, J. F.	Gadsby	23	S.E.	¼	28	Domestic	1916	1922
680	Chapman, George	Erskine	23	S.E.	¼	34	Domestic	1917	1917
693	Cadomin Coal Co., Ltd.	Cadomin	39	L.S.	14	31	Bituminous	1917	.....
695	Caledonian Coll., Ltd.	Drumheller	15	L.S.	5	10	Domestic	1917	.....
722	Christie Oil Co.	Calgary	11	L.S.	1	18	Sub-Bituminous	1917	1918
726	Colter, E. C.	Drumheller	15	L.S.	16	12	Domestic	1918	1918
744	Chaley, Mike	Wayne	17	L.S.	7	19	Domestic	1918	1918
749	Carbon Coal Co., Ltd.	Carbon	26	L.S.	15	11	Domestic	1918	1918
767	Consolidated with No. 749	Carbon	26	L.S.	11	15	Domestic	1918	1918
799	Cooper, H. T.	Lousana	24	N.W.	¼	24	Domestic	1918	1919
824	Challenger Coal Co., Ltd.	Ardley	24	E.	½	20	Domestic	1919	1920
851	Carbon Coal Agencies, Ltd.	Carbon	26	L.S.	16	14	Domestic	1920	.....
867	Callie Coal Co., Ltd., The	Drumheller	15	L.S.	1	29	Domestic	1920	.....
868	Carello, Frank	Edmonton	32	L.S.	4	28	Domestic	1920	1921
912	Carbondale Coal Co., Ltd.	Ardley	24	E.	½	29	Domestic	1920	.....
932	Cloutman & Bergren	Gadsby	23	L.S.	8	29	Domestic	1921	1922
941	Creighton, J. J.	Champion	9	N.W.	¼	10	Domestic	1921	1922
960	Campbell & Walton	Forestburg	27	L.S.	13	31	Domestic	1921	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing.	Aban- don- ment	Re- open- ing
965	Comrey Coal Company	Comrey	5	L.S.	4	9	Domestic	1921	.....
985	Cloakey, A. B.	Drumheller	15	S.W.	1/4	14	Domestic	1922	.....
974	Capital Collieries, Ltd.	Wayne	17	L.S.	9	19	Domestic	1922	.....
1002	Coal Valley Mining Co., Ltd.	Prattville	38	L.S.	16	26	Sub-Bituminous	1922	.....
1003	Corraini, V.	Maleb	7	L.S.	13	6	Domestic	1922	.....
1006	Clarke, G. W.	Namoo	33	S.W.	1/4	4	Domestic	1922	1923
1024	Campbell, C. C.	Delburne	24			3	Domestic	1922	1923
1026	Christopher & Anderson	Gadsby	23	L.S.	9	21	Domestic	1922	.....
1033	Campbell, Robert	Ghost Pine	21	S.W.	1/4	10	Domestic	1922	.....
1036	Cloutman, J. C.	Gadsby	23	L.S.	16	3	Domestic	1922	1922
1042	Carlson, John	Heisler	27	S.W.	1/4	22	Domestic	1922	.....
1059	Collins, W.	Edmonton	32	N.W.	1/4	25	Domestic	1922	1923
1085	Challenger Coal Co., Ltd.	Ardley	24	N.E.	1/4	20	Domestic	1923	.....
1094	Cooke & Stauffer	Morrin	18			28	Domestic	1923	.....
1098	Clarke & Eccleston	Namoo	33	L.S.	3	31	Domestic	1923	.....
1115	Craigs Coal Co., Ltd., The	Drumheller	15	L.S.	15	2	Domestic	1923	.....
54	Donaldson, C. S., Coal Co.	Lethbridge	3	L.S.	5	36	Domestic	1902	.....
106	Domestic Coal Co.	Taber	6	L.S.	6	1	Domestic	1905	1918
152	Driggs, H. A.	Grassy Lake	7	N.E.	1/4	15	Domestic	1907	1910
155	Dawson Coal Co., Ltd.	Edmonton	31	R.L.	25	Edm. Settl.	Domestic	1907	.....
166	Dweak, R. E.	Alix	23			34	Domestic	1908	1918
173	Duncan, W. E.	Taber	6			29	Domestic	1908	1909
177	Donkin & Stevens Co.	Edmonton S.	31	R.L.	17	28	Domestic	1908	1921
190	Durrant, R. B.	Livingstone	2	N.W.	1/4	36	Sub-Bituminous	1909	1910
236	Drowning Ford Coal Co., The	Medicine Hat	8			32	Domestic	1910	1914
273	Davis & Green	Halkirk	23	L.S.	12	18	Domestic	1911	.....
285	Davis, Thomas	Noble	9	S.E.	1/4	18	Domestic	1911	1913
287	Davidson, G. W.	Big Valley	18	S.W.	1/4	36	Domestic	1911	1914

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
290	Davison, R. T.	Big Valley	18	S.W. ¼	36	35	20	1911	1914
298	Consolidated with No. 290	Big Valley	18	S.W. ¼	36	35	20	1911	1914
326	Davis, W. M.	Scollard	18	S.W. ¼	34	34	21	1911	1914
340	Dobell Coal Co., Ltd.	Tofield	29	S.E. ¼	35	50	19	1912	1916
362	Duell, Richard	Longview	10		8	18	2	1912	1916
381	Davies, Evan T.	Lucky Strike	5	L. S. 13	6	3	11	1913	1914
425	Depew & Miller	Raymond	4		8	5	20	1914	1914
453	Davis & Brown	Pincher Creek	2		27	5	29	1914	1915
463	Dennis, Wilson	Maycroft	2		31	10	2	1914	1915
476	Douglas, W. J.	Champion	9	L. S. 9	33	15	23	1915	1915
496	Donald, Alfred	Dowling Lake	22	L. S. 7	3	33	16	1915	1916
605	Donaldson, C. S.	Commerce	3	N.W. ¼	16	10	21	1915	1918
611	Dafoe & Bros., L.	Hanna	22	S.W. ¼	29	32	13	1915	1918
614	Dietrich Bros. & Johnson	Forestburg	27	L. S. 4	14	42	17	1915	1916
641	Davies, Evan T.	Milk River	5	E. ½	35	2	16	1916	1916
669	Domestic Coal Co.	Taber	6	L. S. 3	1	10	17	1916	1916
707	Davidson, A. J.	Beverly	30	R.L. 40	Edm. Settl.			1917	1918
735	DuRocherville Mining Co., Ltd.	Nanton	10		4	15	3	1918	1920
815	Debrinski, J. L., & Joe	Rosebud	14	L. S. 13	33	27	21	1919	1923
860	Duchess Coal Company	Calgary	21	L. S. 1	2	23	15	1920	1922
885	Dick & Pickering	Bassano	21	S.E. ¼	33	21	14	1921	1923
909	Dunn & Shawcross	Taber	6	L. S. 11	18	10	16	1921	1923
944	Dock, George C.	Etzikom	7	L. S. 16	10	7	9	1921	1923
970	Dimmer, Mat	Trochu	24	N.E. ¼	22	33	22	1921	1922
992	Donaldson Coal Co., C. S.	Lethbridge	3	L. S. 16	36	8	22	1921	1922
1004	DuRocher, Francis	High River	10	L. S. 3	8	18	2	1922	1922
1067	Davenport, Joseph	Cluny	14	S.W. ¼	7	22	20	1922	1923
1080	Dunlop, Z. A.	Etzikom	7	L. S. 2	14	7	9	1923	1923

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
1119	Drociuk, Samuel	Halcourt	40	L.S. 1	21	70 10 6	Domestic	1923	
✓ 10	Edmonton Coal Company	Edmonton	31	R.L. 2 Ed. Sett.			Domestic	1897	1904
✓ 20	Elliott & Louisberg	Edmonton	31	Near Edmonton			Domestic	1897	1898
✓ 50	Edmonton Coal Co., Ltd.	Edmonton	31	R.L. 20 Ed. Sett.			Domestic	1901	1904
✓ 68	Evans & Robinson	Edmonton	31	R.L. 25 Ed. Sett.			Domestic	1902	1905
76	Estill Mining Co., Ltd.	Lundbreck	2	23 7	2 5		Sub-Bituminous	1906	1909
118	Evans, John	Medicine Hat	8	S.E. ¼	5 13 6 4		Domestic	1906	1907
130	Elcan Valley Coll., Ltd.	Elcan	6	3 10 17	4		Domestic	1907	1918
✓ 147	Edmonton Collieries, Ltd.	Edmonton	31	Fraser Flats			Domestic	1907	1911
213	Ervine, S.	Grassy Lake	7	9 10 13	4		Domestic	1909	1914
259	Erickson Brothers	Milk River	5	S.W. ¼	32 2 15 4		Domestic	1910	1913
316	Evans, Evan	Cardston	5	L.S. 12	26 2 26 4		Domestic	1911	1913
384	Ellis Coal Co., Ltd., The	Three Hills	25	S.W. ¼	36 31 24 4		Domestic	1913	
410	Ensign, H. F.	Whitla	7	24 12 8	4		Domestic	1913	1915
628	Eldon Mining Co., Ltd.	Calgary	13	2½ Miles S. Eldon			Copper	1915	1922
703	Excelsior Collieries, Ltd.	Wayne	17	L.S. 3 7 27 19 4			Domestic	1917	
725	Edmonson, Mrs. M. M.	Delia	22	L.S. 12 24 28 18 4			Domestic	1918	
764	Eccles & Harvey	Beynon	14	L.S. 2 6 28 20 4			Domestic	1918	1919
784	Engstrom, N. F.	Rose Lynn	22	L.S. 1 34 28 13 4			Domestic	1918	1920
819	Elgin Coal Co., Ltd.	Drumheller	15	L.S. 14 2 29 20 4			Domestic	1919	
870	Erickson, George	Donalda	27	S.W. ¼	13 43 18 4		Domestic	1920	1922
873	Enders, G. H.	Heisler	27	L.S. 7 34 42 17 4			Domestic	1920	1922
880	Edmonson, A.	Delia	22	L.S. 3 24 28 18 4			Domestic	1920	1922
893	Evans, Hugh	Lethbridge	3	L.S. 1 16 10 21 4			Domestic	1921	1921
910	Ellis, James	Champion	9	L.S. 1 4 16 23 4			Domestic	1921	
1111	Evans, Brogan & Son	Bassano	31	L.S. 1 30 20 18 4			Domestic	1921	
✓ 8	Fudge, F. T.	Clover Bar	20	N.E. ¼	7 53 23 4		Domestic	1923	1922
✓ 48	Franco-Canadian Coll., Ltd.	Frank	1	N.W. ¼	30 7 3 5		Bituminous	1903	1918

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R. M.		Open- ing.	Aban- don- ment	
90	Fraser-MacKay Coll., Ltd.	Clover Bar.....	30	L.S. 12	8	53	23	4	1904	.....
98	Consolidated with No. 90	Clover Bar.....	30	L.S. 12	8	53	23	4	1905	.....
151	Farrell, Charles	Reid Hill.....	9	L.S. 15	24	16	23	4	1907	.....
187	Fraser & Smith	Carbon.....	26	L.S. 5	15	29	23	4	1909	.....
323	Fortune, John	Bow Island.....	7	L.S. 8	14	9	11	4	1911	.....
342	Footte, J. C.	Pleasant View.....	7	L.S. 9	7	9	8	4	1912	.....
351	Fortin, W.	Legal.....	34	L.S. 9	7	9	8	4	1912	.....
361	Fish Creek Coal Co.	Priddis.....	12	N.W. ¼	7	22	3	5	1912	.....
600	Ferguson, David	Elcan.....	6	N.W. ¼	4	10	17	4	1912	.....
622	Fanning, Clarence	Rosalind.....	27	S.W. ¼	8	43	17	4	1915	.....
627	Fanning, Clarence	Donalda.....	27	L.S. 15	32	41	18	4	1915	.....
656	Finigan, John K.	Halcourt.....	40	S.W. ¼	25	70	11	6	1916	.....
667	Falkner, William	Alix.....	23	S.W. ¼	1	39	23	4	1916	.....
688	Furler, W. R.	Ghost Pine.....	26	S.W. ¼	33	30	22	4	1917	.....
713	Federal Coals, Ltd.	Lethbridge.....	3	L.S. 15	36	8	22	4	1917	.....
729	Fanning, Clarence	Donalda.....	27	L.S. 3	5	42	18	4	1922	.....
733	Firth, Albert, & Co.	Lethbridge.....	3	L.S. 4	11	8	22	4	1918	.....
758	Fraser, Alec	Carmanagay.....	9	L.S. 14	25	14	22	4	1919	.....
771	Foothills Coll., Ltd., The	Foothills.....	38	L.S. 10	24	47	20	5	1918	.....
806	Finstead & Co., John	Pendant D'.....		L.S. 10	24	47	20	5	1918	.....
865	Farnell, J. H.	Oreille.....	5	L.S. 2	21	2	7	4	1919	.....
922	Falvo, Dominic	Edmonton.....	32	L.S. 11	29	51	25	4	1920	.....
958	Effe Coal Company	Edmonton.....	32	L.S. 11	29	51	25	4	1921	.....
987	Ferens, Joseph	Carbon.....	26	S.	½	13	29	23	1921	.....
1012	Fanning, C.	Taber.....	6	L.S. 8	11	10	17	4	1922	.....
1028	Fraser, Archie	Donalda.....	27	L.S. 6	25	42	17	4	1922	.....
1049	Fuller, D. H.	Carmanagay.....	9	L.S. 2	36	14	22	4	1922	.....
		Stettler.....	23	L.S. 8	34	37	22	4	1923	.....
				L.S. 8	34	37	22	4	1922	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
1055	Fergstad, C. A.	Round Hill	28	L. S. 10	30	48	18	4	1922	.....
1060	Fox, A.	Carbon	26	L. S. 12	7	29	22	4	1922	.....
1107	Ferguson & McKenzie	Dodds	28	N.E. ¼	11	49	18	4	1923	.....
13	Gibbard & Boutwell	Namoo	33	S.W. ¼	17	55	24	4	1898	1901
27	Gough & O'Neill	St. Albert	33	Near St. Albert					1896	1898
35	Gillespie Bros.	High River	10	N.E. ¼	6	13	6	5	1909	1909
58	Great Northern Railway	Pincher Creek	2	South of Pin. Creek					1901	1906
67	Gallagher & Hull	Edmonton	32	Near Edmonton S.					1902	1914
89	Great West Coal Co., Ltd.	Edmonton	30	S.E. ¼	7	53	23	4	1906	1914
99	Great West Coal Co., Ltd.	Edmonton	30	S.E. ¼	7	53	23	4	1903	1908
127	Garneau, Larry, Jr.	Edmonton	31	R.L. 7	Edm. Sett.				1907	1909
184	Good, Rola B.	Pincher Creek	2	N.W. ¼	11	11	1	5	1909	1911
200	Geddes, Day & Gibb	Medicine Hat	8	N.W. ¼	2	9	6	4	1909	1914
211	Green, H. V.	Halkirk	23	S.E. ¼	18	39	15	4	1910	1916
231	Georgetown Collieries, Ltd.	Canmore	12	N.W. ¼	1	25	11	5	1909	1914
278	Georgensen, Sebb	Lucky Strike	5	L.S. 9	16	3	12	4	1911	1916
283	Great West Coal Co., Ltd., The	Edmonton	30	S.W. ¼	6	53	23	4	1911	1915
289	Gray, Armour	Gadsby	23	L.S. 10	28	39	16	4	1911	1914
294	Gibson, George	Grassy Lake	7	S.W. ¼	25	9	13	4	1911	1913
297	Ginther, F. M.	Medicine Hat	8	S.W. ¼	12	13	9	4	1911	1912
336	Gardiner, R.	Medicine Hat	8		3	16	5	4	1912	1912
352	Gainford Collieries, Ltd.	Gainford	36		14	53	6	5	1912	1914
359	Grant, John A.	Black Diamond	10		21	19	2	5	1912	1913
377	Gibson & Son, G. S.	Grassy Lake	7	L.S. 4	25	9	13	4	1913	1913
378	Consolidated with No. 436	Aerial	16	S.E. ¼	28	28	19	4	1913	1913
421	Gould, Mrs. Mary	Groton	5	L.S. 10	10	3	11	4	1914	1915
436	Great West Coal Co., Ltd.	Aerial	16	S.E. ¼	28	28	19	4	1914	1914
458	Gilruth, James A.	Fishburn	2	L.S. 8	27	4	28	4	1914	1914

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District- No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
478	Giamarino, N.	Delia	22	L. S.	12	13	Domestic	1915	1919
487	Giedd, Fred.	Craigmyle	22	L. S.	2	3	Domestic	1915	1915
603	Griffiths, Evan	Donalda	27	N.E.	1/4	32	Domestic	1915	1918
623	Gordon, D. R.	Trochu	24	N.E.	1/4	32	Domestic	1915	1916
645	Gwilliam, David	Namao	33	S.W.	1/4	6	Domestic	1916	1918
687	Gibson, Samuel	Grassy Lake	7	L. S.	25	9	Domestic	1917	1917
728	Green, James	Drumheller	15		32	27	Domestic	1918	1919
747	Gouge, Jesse	Cluny	21		30	21	Domestic	1918	1918
797	Gutche, Fred	Edmonton	32		8	51	Domestic	1919	1919
801	Garrick, John	Drumheller	15	S.E.	1/4	3	Domestic	1920	1920
857	Gilbert & Dwelle	Standard	14	L. S.	5	11	Domestic	1921	1921
898	Gibson Collieries, Ltd.	Drumheller	15	L. S.	6	2	Domestic	1921	1921
901	Goodin, J. B.	Hutton	21	L. S.	15	12	Domestic	1921	1921
972	Gilday, M.	Drumheller	15	L. S.	7	22	Domestic	1922	1923
976	Gatine, R.	Hesketh	26	N.E.	1/4	7	Domestic	1922	1923
980	Guss, John N.	Alix	23	S.W.	1/4	3	Domestic	1922	1923
1013	Goodie, Phillip	Foremost	7	L. S.	4	3	Domestic	1922	1923
1040	Garner, Arthur	Hillspring	5		3	4	Domestic	1922	1923
6	Humberstone, William	Edmonton	31	R. L.	12	Ed. Sett.	Domestic	1896	1905
17	Holloway, R.	Edmonton	31	N. Sask.	River		Domestic	1899	1899
40	Hillcrest Collieries, Ltd.	Hillcrest	1	N.E.	1/4	18	Bituminous	1905	1905
43	Humberstone Mines, Ltd.	Beverly	30	L. S.	15	7	Domestic	1899	1904
92	Hamilton, J. K.	Lethbridge	3	S.E.	1/4	31	Domestic	1904	1922
109	Harper Coal Co.	Edmonton	31	R. L.	22	Ed. Sett.	Domestic	1906	1910
134	Henderson Bros.	Reid Hill	9	N.E.	1/4	27	Domestic	1907	1913
171	Hanna & Moe	Taber	6		29	9	Domestic	1908	1909
181	Hart, Edward	Taber	6	S.E.	1/4	11	Domestic	1908	1917
209	Head Syndicate, Ltd.	Burmis	1		9	7	Bituminous	1909	1913

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment
214	Halbert, William	Three Hills	25	22	31	24	Domestic	1909	1915
254	Heighes, George	Lethbridge	3	27	10	21	Domestic	1910	1914
272	Hutchinson, John S.	Bow Island	7	S.E. 1/4	15	9	Domestic	1911	1915
274	Halkirk Collieries, Ltd.	Halkirk	23	N.E. 1/4	30	38	Domestic	1911	1913
325	Hallett, Thomas	Castor	23	L.S. 1/4	4	38	Domestic	1911	1921
329	Heaney, John	Castor	23	N.E. 1/4	4	38	Domestic	1911	1921
335	Hutchison, W. S.	Drumheller	15	14	29	20	Domestic	1912	1915
366	Holmes, Joseph	Grassy Lake	7	S. of Grassy Lake			Domestic	1912	1913
373	Hedrich, William	Trochu	24	S.E. 1/4	20	33	Domestic	1912	1913
380	Halliday, George W.	Delia	22	28	30	17	Domestic	1913	1918
417	Hallett, Thomas	Castor	23	N.E. 1/4	26	37	Domestic	1913	1921
426	Halbert, William	Trochu	24	N.E. 1/4	12	33	Domestic	1914	1918
427	Hronek, Benjamin	Halkirk	23	L.S. 1/4	18	39	Domestic	1914	1915
437	Hudson, W. H.	Queenstown	9	L.S. 1/4	23	18	Domestic	1914	1915
472	Hildahl, Edwin	Morrin	18	L.S. 1/4	28	31	Domestic	1915	1917
493	Consolidated with No. 325	Castor	23	4	38	14	Domestic	1915	1921
638	Harrison, Stephen	Lethbridge	3	S.W. 1/4	35	8	Domestic	1916	1916
674	Hannah, G. G.	Lethbridge	3	L.S. 1/4	16	10	Domestic	1916	1918
694	Hodgson, Joseph	Rowley	18	L.S. 1/4	12	32	Domestic	1917	1917
696	Hunter, John T.	Garden Plain	22	L.S. 1/4	16	36	Domestic	1917	1917
709	Halbert, David	Sheerness	22	L.S. 1/4	5	17	Domestic	1917	1918
717	Halbert, William	Castor	23	L.S. 1/4	2	34	Domestic	1917	1923
730	Hetherington, Frederick	Carmanagay	9	L.S. 1/4	13	30	Domestic	1918	1918
754	Hamilton, W. L.	Pincher Creek	2	L.S. 1/4	9	27	Sub-Bituminous	1918	1920
776	Hy-Grade Coal Co., of Drumheller, Ltd.	Drumheller	15	L.S. 1/4	11	29	Domestic	1918	1922
778	Hanson, C. H.	Edberg	27	43	20	4	Domestic	1918	1922
791	Haywood & Airy	Gadsby	23	S.E. 1/4	7	40	Domestic	1918	1921

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
823	Harlech Coal Co., Ltd.	Harlech P. O.	19	N.W. ¼	10	41	14	5	1919	.....
825	Haines, A. E.	Medicine Hat	8	28	12	7	4	.....	1919	.....
859	Halbert, David	Trochu	24	23	33	23	4	.....	1920	.....
871	Hamilton, J. F.	Lethbridge	3	L.S. 14	36	8	22	4	1920	.....
876	Heape, J. P.	Donalda	27	N.E. ¼	28	41	17	4	1920	.....
882	Haywood, A.	Gadsby	23	L.S. 11	7	40	16	4	1921	.....
884	Henderson & Stringer	Calgary	27	N.E. ¼	10	29	23	4	1921	.....
904	Himelman, A. P.	Carbon	26	L.S. 2	16	29	23	4	1921	.....
913	Hook, Alfred J.	Halkirk	23	L.S. 1	7	39	15	4	1921	.....
923	Halbert, David	Big Valley	18	L.S. 4	31	35	19	4	1921	.....
948	Hill & Hughson	Rosalind	27	L.S. 8	43	17	4	.....	1921	.....
950	Hook, Fred	Leduc	32	L.S. 5	6	51	25	4	1921	.....
959	Hankins, E.	Foreman	27	L.S. 4	11	40	16	4	1921	.....
986	Holt, John J.	Erskine	23	L.S. 7	10	38	22	4	1922	.....
1011	Hartley, William	Stirling	4	S.W. ¼	34	5	15	4	1922	.....
1039	Hein, Carl	Hanna	22	L.S. 2	3	33	16	4	1922	.....
1071	Holt & McKenzie	Erskine	23	L.S. 10	10	38	22	4	1923	.....
1103	Howe, J. C.	Cluny	14	S.E. ¼	7	22	21	4	1923	.....
1109	Hamilton, George	Lethbridge	3	L.S. 8	31	9	21	4	1923	.....
1110	Hamilton, George	Lethbridge	3	L.S. 2	21	9	22	4	1923	.....
1112	Hetherington, Frederick	Carmangay	9	L.S. 9	9	14	23	4	1923	.....
1120	Hugel, Adolph	Grande Prairie	40	25	70	7	6	.....	1923	.....
1128	Heath, William	Fallis	35	S.E. ¼	28	53	5	5	1923	.....
88	International Coal & Coke Co., Ltd.	Coleman	1	16	8	4	5	.....	1903	.....
111	Irvine, Thomas	Elcan	6	N. ½	4	10	17	4	1906	.....
114	Independent Coal Co., Ltd.	Elcan	6	S.E. ¼	4	10	17	4	1906	.....
138	International Land Dev. Co.	Winnifred	7	19	10	9	4	.....	1907	.....
159	Imperial Coal Co.	Taber	6	5	10	17	4	.....	1907	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing	
748	Ivey, John	Drumheller	15	S.	1/2	6	28	20	4	1918	.....
844	Ideal Coal Co., Ltd.	Wayne	17	L.S.	16	1	28	20	4	1920	.....
1001	Iveson, Frater	Rainbow	22	L.S.	10	24	28	18	4	1922	.....
269	James, C. K.	Halkirk	23	N.W.	1/4	18	39	15	4	1911	.....
280	Jasper Park Coll. , Ltd.	Pocahontas	37	L.S.	9	6	49	27	5	1921	.....
312	James, C. K.	Gadsby	23	S.E.	1/4	28	39	16	4	1911	.....
371	Jacobson, John	Bow Island	7	L.S.	8	21	12	10	4	1912	.....
375	Jones, A. S.	Garden Plain	22	L.S.	7	1	34	14	4	1912	.....
407	Jaynes, Robert	Milk River	15	N.E.	1/4	29	2	15	4	1913	.....
447	James Bros.	Forestburg	27	L.S.	12	28	40	15	4	1913	.....
462	Jeffrey, James	Maycroft	2	N.W.	1/4	32	10	2	5	1914	.....
470	Joberg, A. F.	Delia	22	N.W.	1/4	21	30	17	4	1915	.....
482	Consolidated with No. 470	Delia	22	E.	1/2	21	30	17	4	1915	.....
642	Jennings, Peter P.	Pendant D'Or- eille	5	L.S.	5	22	2	7	4	1919	.....
643	Jewel Collieries, Ltd.	Wayne	17	L.S.	6	7	28	19	4	1916	.....
683	Jasper Park Coll., Ltd.	Pocahontas	37	L.S.	9	12	49	28	5	1921	.....
686	Jackson, Alfred	Grassy Lake	7	L.S.	1	27	9	13	4	1917	.....
691	Jackson, Alfred	Grassy Lake	7	L.S.	15	23	9	13	4	1917	.....
746	Jones, Samuel A.	Drumheller	15	L.S.	16	30	29	19	4	1918	.....
782	Johnson, Alexander	Beynon	14	L.S.	14	31	27	20	4	1918	.....
841	Johnson, Chris.	Carbon	26	N.E.	1/4	9	29	22	4	1919	.....
866	Johnston, Frank G.	Suffield	8	L.S.	10	28	12	10	4	1920	.....
938	James, David	Alliance	27		36	40	13	4		1921	.....
991	Jackson, Anthony	Trochu	25		27	33	23	4		1922	.....
1035	Jones & Williamson	Alix	24		33	39	23	4		1922	.....
1047	Jackson, & Fry	Donalda	27	L.S.	10	32	41	18	4	1922	.....
1048	Jackson, Thomas	Delburne	24	L.S.	16	2	38	24	4	1922	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-open- ing
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
1064	James, David	Alliance	27	L.S.	1	32	Domestic	1922	1923	.....
1070	Johnson & Carlson	Hutton	21	L.S.	9	31	Domestic	1922	1923	.....
53	Knee Hill Coal Co., Ltd.	Carbon	26	L.S.	3	23	Domestic	1898	1921	.....
69	Keith & Fulton	Clover Bar	30	L.S.	16	29	Domestic	1902	1921	.....
103	Knowlton, G. H.	Carstairs	12	L.S.	14	19	Bituminous	1905	1913	.....
120	Kummer, William	Longview	10	S.W.	1/4	8	Sub-Bituminous	1906	1921	.....
125	Ketchum Coal Co.	Edmonton	30	N.W.	1/4	6	Domestic	1906	1910	.....
178	Consolidated with No. 397	Namao	33	S.E.	1/4	8	Domestic	1908	.....	.....
180	Kusnir, Wasyl	Grassy Lake	7	L.S.	13	23	Domestic	1908	.....	.....
197	Consolidated with No. 226	Eyremore	21	L.S.	9	17	Domestic	1909	.....	.....
219	Knowlton, G. H.	Bituma	12	L.S.	13	10	Bituminous	1910	1915	.....
226	Kleenbirt Collieries, Ltd.	Eyremore	21	L.S.	2	16	Domestic	1910	.....	.....
333	Kovaice, Frank	Granlea	7	S.W.	1/4	9	Domestic	1912	1916	.....
397	Kelly Collieries	Namao	33	S.E.	1/4	8	Domestic	1913	.....	.....
428	Kelly, Mrs. E.	Namao	33	L.S.	15	8	Domestic	1914	1915	1920
440	Kaye, Herschel	Maycroft	2	N.E.	1/4	11	Sub-Bituminous	1914	1916	.....
445	Knee Hill Valley Coal Co.	Twining	25	L.S.	6	14	Domestic	1914	.....	.....
480	Klump, Dan	Delia	22	L.S.	6	23	Domestic	1914	.....	.....
484	Krozier, John	Hutton	21	N.E.	1/4	7	Domestic	1915	1915	.....
633	Kent, Johnson & Whitford	Bon Accord	34	N.E.	1/4	17	Domestic	1916	1918	.....
790	Kurp, B. C.	Delburne	24	N.E.	1/4	17	Domestic	1918	1919	.....
828	King, J. J.	Edberg	27	L.S.	6	32	Domestic	1919	1919	.....
837	Kuhnert & Hiller	Edmonton	32	S.W.	1/4	6	Domestic	1919	1919	.....
839	Keats, J. W.	Standard	21	S.E.	1/4	29	Domestic	1919	1919	.....
900	Kerrison, T. W.	Eyremore	21	L.S.	3	23	Domestic	1921	1921	.....
915	Ketchmark, George	Eyremore	21	L.S.	15	14	Domestic	1921	1921	.....
917	Knee Hill Coal Co., Ltd.	Calgary	26	N.W.	1/4	14	Domestic	1921	1922	.....
924	Kummer, William	Longview	10	L.S.	14	8	Sub-Bituminous	1921	.....	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
947	Kellough, W. D.	Lathom	21	13	17	17	Domestic	1921	1922
967	Kurp, B. C.	Delburne	24	8	11	38	Domestic	1921	.....
968	Kobi, Emil	Endiang	23	S.W. ¼	4	36	Domestic	1921	.....
998	Kerrison, Thomas W.	Eyremore	21	L.S. 13	11	17	Domestic	1922	.....
1038	Krozier, John	Duchess	21	L.S. 13	36	22	Domestic	1922	1923
1053	Kruse, Fred	Heisler	27	N.E. ¼	10	41	Domestic	1922	.....
1077	Kasper & Olson	Bingville	8	L.S. 3	11	17	Domestic	1923	.....
1093	Kallevig, Andrew	Morrin	18	L.S. 12	22	31	Domestic	1922	.....
1099	Knie, Adolph	Leduc	32	L.S. 12	6	51	Domestic	1923	.....
126	Leitch Collieries, Ltd.	Passburg	1	14	7	3	Bituminous	1906	1915
131	Larson, Andrew	Travers	6	L.S. 9	4	10	Domestic	1907	1919
185	Long, D. H.	Bow Island	7	L.S. 7	36	11	Domestic	1909	1914
205	Lindqvist, A. A.	Bow Island	7	L.S. 5	22	12	Domestic	1909	1913
309	Laarz, F. W.	Fraserton	22	S.E. ¼	21	28	Domestic	1911	1921
319	Lake View Coal Co.	Wabamun	35	29	52	4	Domestic	1911	1914
324	Lavenne, Jules	Winnifred	7	L.S. 5	22	12	Domestic	1911	1916
400	Lavenne, Jules	Winnifred	7	L.S. 8	21	12	Domestic	1913	1918
419	Lakeside Coals, Ltd.	Wabamun	35	L.S. 15	9	53	Domestic	1913	.....
441	Linder, Karl	Halkirk	23	L.S. 5	18	39	Domestic	1914	1918
444	Lebisto, John	Twining	25	L.S. 11	14	31	Domestic	1914	1921
467	Lancaster & Willian	Camrose	28	29	46	19	Domestic	1915	1915
601	Law, George	Round Hill	28	N.E. ¼	10	48	Domestic	1915	.....
613	Lindqvist & Anderson	Donalda	27	L.S. 7	30	41	Domestic	1915	1920
676	Lethbridge Coal Co., Ltd.	Lethbridge	3	L.S. 12	12	9	Domestic	1916	.....
677	Lavenne, Jules	Winnifred	7	L.S. 1	21	12	Domestic	1917	1917
698	Lanark Coal Co.	Elcan	6	L.S. 2	4	10	Domestic	1917	1918
706	Lyon, H. E.	Morley	12	L.S. 3	17	26	Bituminous	1917	1919
740	Lindqvist, Victor	Aerial	16	L.S. 11	29	28	Domestic	1918	1918

THE MINES BRANCH

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
751	Lavenne, Jules	Winnifred	7	L. S.	2	27	Domestic	1918		
789	Lindqvist, Victor	Donalda	27	L. S.	8	25	Domestic	1918	1922	
812	Lasseter, Thos. E.	Delburne	24	L. S.	15	2	Domestic	1919	1922	
858	Little, Edward	Longview	10	L. S.	1	9	Sub-Bituminous	1920		
894	Lowry Bros.	Nevis	23	S.W.	¼	15	Domestic	1921	1922	
903	Last, Harry	Elkwater	8	L. S.	16	23	Domestic	1921		
905	Luscar Collieries, Ltd.	Luscar	39	L. S.	16	23	Bituminous	1921		
961	Larson & Berry	Holborn	32	L. S.	16	34	Domestic	1921	1923	
10016	Locke, H. A.	Craigmyle	22	L. S.	2	28	Domestic	1922	1923	
1030	Leduc & Mainfroid	Delburne	24	L. S.	2	11	Domestic	1922		
1037	Lasseter, Thos. E.	Delburne	24	L. S.	1	11	Domestic	1922	1923	
1072	Larson, O.	Jarrow	27	L. S.	1	15	Domestic	1922		
1091	Langford, W. E.	Strathcona	32	N.E.	¼	26	Domestic	1923		
1102	Lindgren, Alex	Meeting Creek	27	S.W.	¼	13	Domestic	1923		
12	Martin, Robert	Edmonton S.	32	R.L.	26	Edm. Sett.	Domestic	1897	1902	
15	Martin & King	Edmonton S.	32	R.L.	26	Edm. Sett.	Domestic	1897	1904	
52	Marsh & Neeb	Edmonton S.	30	R.L.	18	Edm. Sett.	Domestic	1897	1902	
60	Mays Coal Co.	Edmonton	32	R.L.	7	53	Domestic	1901	1902	
74	Martin, E. D.	Edmonton	31	R.L.	25	Edm. Sett.	Domestic	1902	1904	
100	Milner & Shoeman	Edmonton	30	R.L.	7	53	Domestic	1903	1913	
105	Martin Brothers	Edmonton S.	32	R.L.	20	51	Domestic	1905	1905	
124	Majestic Coal Co.	Taber	6	L. S.	7	31	Domestic	1905		
133	Marsh, John	Elcan	6	N.	½	4	Domestic	1906	1910	
140	Mohawk Bituminous Mines, Ltd.	Bellevue	1	N.	½	4	Domestic	1906	1915	1919
158	Marsh, John	Elcan	6	S.E.	¼	19	Bituminous	1907	1915	
175	Marsh Brothers	Elcan	6	S.E.	¼	4	Domestic	1907	1908	
266	Marsh, John	Taber	6	S.	¼	29	Domestic	1908	1909	
	Murphy, M. T.	Bow Island	7	S.	½	9	Domestic	1911	1911	

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing	
271	Milk River Colliery.	Milk River	5	L. S.	5	26	2	16	4	1911	1920
277	Miller, Irving E.	Allerton	5	L. S.	8	35	2	12	4	1911	1923
282	Mountain Park Coal Co., Ltd.	Mountain Park	39			33	45	23	5	1911	
292	Morris, John	Pincher Creek	2			16	6	30	4	1911	1913
299	Medloski, D.	Rosebud	14	L. S.	13	20	26	21	4	1911	1913
330	Mikilik, John	Pincher Creek	2			25	5	2	5	1911	1915
331	Mitchell, A. E.	Bow Island	7	S.W.	¼	3	10	11	4	1912	1913
354	Miller, Arthur	Delia	22	L. S.	9	21	30	17	4	1912	
367	Midland Collieries	Midlandvale	15	L. S.	10	9	29	20	4	1912	
395	Molloy, Andrew	Picture Butte	3	L. S.	14	27	10	21	4	1913	
434	M. P. Collieries	Taber	6	L. S.	8	4	10	17	4	1914	1921
451	Meheltz, Frank	Botha	23	S.E.	¼	11	39	16	4	1914	1918
466	Moore, Clark	Eyremore	21	S.W.	¼	15	17	17	4	1915	1915
477	Masciangelo, John	Delia	22	L. S.	3	28	30	17	4	1915	
489	Murray, John	Grassy Lake	7			9	10	13	4	1915	1915
497	Morse, A. T., & Larrair	Hanna	22	L. S.	1	19	29	14	4	1915	
604	March, Adam	Donalda	27	L. S.	15	32	41	18	4	1915	1918
617	Morland Brothers	Stettler	23			24	37	22	4	1915	1916
618	Muncy, M. S.	Foreman	27			9	26	40	16	1915	1921
649	Moody, James	Pendant D'Or- eille									
668	May, Frank	Beazer	5	L. S.	16	22	2	7	4	1916	1918
675	Murray, J. N.	Drumheller	5	L. S.	3	7	2	26	4	1916	1917
685	Munton, Evan	Long Coulee	16	L. S.	12	28	27	18	4	1916	1918
699	Marcus Coal Mines, Ltd.	Clover Bar	9	L. S.	4	17	15	21	4	1917	1923
702	Mullen & Williams	Elean	30	L. S.	15	8	53	23	4	1917	
715	Murtland, Richard	Pincher Creek	6	L. S.	13	3	10	17	4	1917	
719	Mitchinson, Arthur	Donalda	2	S.W.	¼	16	5	1	5	1917	
			27	L. S.	1	5	42	18	4	1917	

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R. M.		Open- ing	Aban- don- ment	
727	Marx, G. W. D.	Huxley	24	L. S.	15	24	Domestic	1918	1918	.....
752	Miller, J. K.	Drumheller	15	L. S.	3	2	Domestic	1918	1918	.....
766	Moonlight Coal Co., Ltd.	Aerial	16	L. S.	16	28	Domestic	1918	1918	.....
779	Mosley, Aaron	Pincher Creek	2	N.W.	1/4	17	Sub-Bituminous	1918	1921	.....
783	Munro, Alex.	Rose Lynn	22	L. S.	13	27	Domestic	1918	1919	.....
785	Martin, Sebastian	Forestburg	27	L. S.	5	33	Domestic	1918	1922	.....
805	Murphy, Losie & Lindqvist	Donalda	27	L. S.	8	25	Domestic	1919	1920	.....
826	Miller, W. O.	Del Bonita	5	L. S.	13	28	Domestic	1919	1922	.....
832	Mount Cavell Coll., Ltd.	Brule Mines	37	S.W.	1/4	31	Bituminous	1919	1920	.....
843	Monkman, A.	Lake Saskatoon	40	L. S.	7	22	Domestic	1920	1920	.....
848	Mid-West Coll., Ltd.	Drumheller	15	L. S.	7	2	Domestic	1920	1920	.....
853	Mitchinson, A.	Donalda	27	L. S.	14	32	Domestic	1920	1922	.....
863	Mitchinson, Joseph	Donalda	27	L. S.	2	5	Domestic	1920	1921	.....
874	Makarevich, Paul	Forestburg	27	L. S.	6	2	Domestic	1920	1921	.....
911	Meek, F. G.	Heisler	27	L. S.	1	33	Domestic	1920	1921	.....
926	Magwood, J. A.	Morinville	34	N.E.	1/4	36	Domestic	1921	1921	.....
953	Martin Bros. & Robinson	Forestburg	27	L. S.	8	32	Domestic	1921	1921	.....
956	Muncy Bros.	Foreman	27	L. S.	2	35	Domestic	1921	1921	.....
1000	Morgan, Earl	Castor	23	L. S.	14	16	Domestic	1921	1923	.....
1010	Miller, Henry	Taber	6	L. S.	15	36	Domestic	1922	1923	.....
1018	Maple Leaf Coal Co.	Ardley	24	S.W.	1/4	17	Domestic	1922	1922	.....
1019	Martin & Demo	Huxley	24	L. S.	4	10	Domestic	1922	1923	.....
1051	Moschinross, C.	Red Willow	27	S.E.	1/4	24	Domestic	1922	1923	.....
1056	Marlow & Gardner	Red Deer	24	L. S.	16	2	Domestic	1922	1923	.....
1083	Mather, Thos.	Lundbreck	2	N.E.	1/4	25	Sub-Bituminous	1922	1923	.....
1104	Mouysset, F. L.	Edmonton	30	N.E.	1/4	36	Domestic	1923	1923	.....
1108	Morris, Charles	Maycroft	2	S.W.	1/4	32	Sub-Bituminous	1923	1923	.....
1113		St. Albert	34	R.L.	42	54	Domestic	1923	1923	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	
1116	Morrison, W. J.	Little Plume	8	N.E. $\frac{1}{4}$	35	8 5 4	Domestic	1923		
1117	Morrill, Wm.	Beynon	14	S.W. $\frac{1}{4}$	6	28 20 4	Domestic	1923		
49	McPeak Coal Company	Edmonton	31	112th Ave. & 76th St.			Domestic	1905	1923	
119	McIntosh, C. G.	High River	10	16 18	2	5	Sub-Bituminous	1906	1908	
149	McDevitt, J. J.	Tofield	29	S.W. $\frac{1}{4}$	24	50 19 4	Domestic	1907		
199	McDowall Bros.	Beaver Mines	2	L. S. 11	9	6 2 5	Sub-Bituminous	1909	1915	1921
204	McGillivray Creek Coal & Coke Co., Ltd.									
217	McWilliams, Alex.	Coleman	1	17	8	4 5	Bituminous	1909		
222	McFarlane, William	Lethbridge	3	8	10	22 4	Domestic	1909	1911	
246	McCormack, A. D.	Pincher Creek	2	27	6	2 5	Sub-Bituminous	1910	1913	
253	McKinnon, A. D.	Castor	23	L. S. 14	34	37 14 4	Domestic	1910	1918	1921
275	McCormack, A. D.	Pincher Creek	2	36	5	2 5	Sub-Bituminous	1910	1915	
279	McKay, D. G.	Castor	23	S.W. $\frac{1}{4}$	3	38 14 4	Domestic	1911		
304	McLean, Hugh D.	Milk River	5	L. S. 3	1	3 16 4	Domestic	1911	1923	
315	McRae, A. L.	Castor	23	S.E. $\frac{1}{4}$	34	37 14 4	Domestic	1911	1923	
334	McAllister, Robert	Trochu	24	S.E. $\frac{1}{4}$	14	33 23 4	Domestic	1911	1923	
343	McGuire, A. J.	Suffield	8	29	13	10 4	Domestic	1912	1914	
385	McGuire, James S.	Lethbridge	3	E. $\frac{1}{2}$	25	8 22 4	Domestic	1912	1913	
398	McCafferty, Thomas	Trochu	24	S.E. $\frac{1}{4}$	16	33 23 4	Domestic	1913	1913	
405	McIntyre, W. H.	Fertility	22	L. S. 3	28	33 13 4	Domestic	1913	1915	
408	McGuire, A. J.	Magrath	4	L. S. 3	18	3 22 4	Domestic	1913	1921	
418	Consolidated with No. 275	Crow's Nest, B.C.	1	L. S. 4	5	8 5	Bituminous	1913	1913	
423	McKinley, T. & A.	Castor	23	L. S. 15	22	33 23 4	Domestic	1913	1917	1919
455	McPherson, Peter	Trochu	24	S.E. $\frac{1}{4}$	3	4 28 4	Domestic	1914	1917	
468	McFadden & Farnell	Big Valley	18	L. S. 12	36	35 20 4	Sub-Bituminous	1915	1916	
607	McDonald, Donald	Donalda	27	L. S. 8	30	41 17 4	Domestic	1915	-1916	1921
612	McLean, Charles A.	Wildunn	22	L. S. 2	6	30 13 4	Domestic	1915	1916	

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
626	McRae, W. A.	Parr	20	L. S.	1	6	Domestic	1915	1921	.....
644	McAlpine, Alex.	Lucky Strike	5	L. S.	6	1	Domestic	1916	.....	.....
664	McTaggart & Morton	Erskine	23	N.E.	1/4	33	Domestic	1916	1917	.....
714	McDonald, William	Champion	9	L. S.	4	9	Domestic	1917	1917	.....
739	McNaughton, H.	Champion	9	L. S.	4	9	Domestic	1918	.....	.....
773	McGuire Coll., Ltd.	Edmonton	31	R.L.	2	121st St.	Domestic	1918	1919	.....
846	McLeod River Hard Coal Co., Ltd.	Mercoal	38	L. S.	5	25	Sub-Bituminous	1920	.....	.....
856	McCullum, C. P.	Carbon	26	L. S.	13	11	Domestic	1920	.....	.....
921	McKinlay, Thomas	Trochu	24	L. S.	16	14	Domestic	1921	.....	.....
929	McNaughton, Harry	Champion	9	L. S.	1	4	Domestic	1921	1922	.....
945	McNeil, Alfred	Castor	23	L. S.	8	35	Domestic	1921	.....	.....
951	McDermand, C. C.	Alix	24	L. S.	3	29	Domestic	1921	.....	.....
978	McEntire, Thomas	Carbon	26	S.W.	1/4	13	Domestic	1922	1923	.....
1029	McCall, C. B.	Rumsey	18	L. S.	12	7	Domestic	1922	.....	.....
1043	McDonald, Burdick, Knole & Spence	Rochester	34	L. S.	10	24	Domestic	1922	1923	.....
1045	McIlwaine, Robt.	Lethbridge	3	L. S.	15	2	Domestic	1922	.....	.....
081	McInnes, John A.	Rosedale	16	S.E.	1/4	1	Domestic	1923	.....	.....
57	Nash, Thomas	Pincher Creek	2	S.	1/2	34	Sub-Bituminous	1902	1913	.....
129	North Star Coal Co., Ltd.	Cardiff	34	L. S.	16	23	Domestic	1907	.....	.....
141	Namao Coal Co.	Namao	33	W.	1/2	3	Domestic	1907	1909	.....
174	North American Coll., Ltd.	Coalhurst	3	L. S.	2	21	Domestic	1908	.....	.....
203	New Barnes Coal Mine Co.	Lethbridge	3	L. S.	9	31	Domestic	1909	.....	.....
227	North American Coll., Ltd.	Evansburg	36	S.E.	1/4	30	Domestic	1910	.....	.....
233	North American Coll., Ltd.	Lovettville	38	L. S.	6	3	Sub-Bituminous	1910	1920	.....
257	Noble, William G.	Hutton	21	L. S.	7	23	Domestic	1910	1923	.....
267	North American Coll., Ltd.	St. Albert	31	N.W.	1/4	28	Domestic	1911	1916	.....
310	North Alberta Coal Syndicate	Pocahontas	37		29	49	Bituminous	1911	1913	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
317	Newcastle Coal Co., Ltd.	Drumheller.	15	S.E. 1/4	9	29	20	1911	.....
327	Nicol & Bradshaw	Trochu	24	S.W. 1/4	5	34	22	1911	.....
348	Neisner, John	Munson	15	L.S. 5	23	29	20	1912	.....
350	Northern Construction Co.	Winnipeg	19			39	10	1912	Bituminous
357	Nash, Thomas	Pincher Creek	2		27	4	28	1912	Sub-Bituminous
376	Nelson & Johnson	Trochu	24		30	34	21	1912	.....
393	North Kootenay Pass Coal Co.	Frank	1		29	7	4	1913	.....
412	New Era Coal Co., Ltd.	Wabamun	35		14	53	4	1913	Bituminous
658	Noble, Henry	Boundary Creek	5	L.S. 1	15	1	26	1913	.....
692	Natrass, D. W.	Orion	5	L.S. 10	18	3	7	1916	.....
731	North Star Coal Co., Ltd.	Alix	24	L.S. 16	33	38	23	1917	.....
750	Noble, John	Commerce	3	L.S. 13	27	10	21	1918	.....
816	Newcastle Junior Min'g Co., Ltd.	Drumheller	15	L.S. 9	3	29	20	1918	.....
855	Noble, Henry	Cardston	5	L.S. 11	15	1	26	1919	.....
877	Nearny, Thomas	Edmonton S.	32	N.W. 1/4	25	51	25	1920	.....
989	Ness, Paul	Erskine	23	L.S. 10	34	37	22	1920	.....
1009	Noble, Alex	Boundary Creek	5	L.S. 4	22	1	26	1922	.....
1034	Nimko & Granda	Edmonton S.	32	L.S. 11	25	51	25	1922	.....
1127	Ness, Mrs. Ethel	Erskine	23	L.S. 5	2	38	22	1922	.....
37	Consolidated with No. 772	Medicine Hat	8	L.S. 4	5	13	6	1923	.....
91	Ortwell Coal Mine, R. P.	Clover Bar	30	S.W. 1/4	17	53	23	1899	.....
170	Oliver, Edward	Taber	6	L.S. 14	3	10	17	1904	.....
201	Oliver, Lewis	Taber	6	L.S. 5	18	10	16	1908	.....
242	Orr, David	Kelsey	27	L.S. 3	15	44	19	1909	.....
262	Oscar Collieries, Ltd.	Sheerness	22	L.S. 2	19	29	12	1910	.....
295	Owen, J. H.	Pincher Creek	2	N.W. 1/4	10	5	1	1911	.....
609	O'Brien & Gilles & Co.	Donalda	27	L.S. 5	22	42	17	1915	Sub-Bituminous
648	Olipphant-Munson Coll., Ltd.	Olipphant Mines	38	N.E. 1/4	23	48	21	1916	Sub-Bituminous

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	R. M.		Open- ing	Aban- don- ment	Re- open- ing
670	Olson, Emil	Hanna	22	S.W. ¼	19	29 14	Domestic	1916	1917
772	Oliphant, John T.	Medicine Hat	8	L.S. 2	5	13 6	Domestic	1918	.....
814	Oliver, Lewis	Foremost	7	L.S. 3	28	6 11	Domestic	1919	1919
818	Ogilvie & Large	Twining	25	L.S. 2	11	31 24	Domestic	1919	1919
892	Ordze & Thomas	Edmonton	31	R.L. 25	Ed. Sett.		Domestic	1921	1922
940	O'Connor, William T.	Castor	23	L.S. 10	24	37 14	Domestic	1921	1922
1066	Consolidated with No. 1086	Magrath	4	L.S. 12	8	7 21	Domestic	1922	.....
1086	Oliver, Benjamin	Magrath	4	L.S. 5	8	7 21	Domestic	1922	.....
1090	Ostby, A. C.	Warner	5	L.S. 9	12	3 17	Domestic	1923	.....
1092	Oregon Ranching & Sheep Co., Ltd	Lethbridge	3	N.W. ¼	24	9 22	Domestic	1923	.....
1124	Oliver Coal Company	Taber	6	L.S. 5	1	10 17	Domestic	1923	.....
59	Consolidated with No. 1096	Lundbreck	2	N.E. ¼	26	7 2	Sub-Bituminous	1902	1923
115	Peerless Carbon Coll., Ltd.	Carbon	26	L.S. 13	12	29 23	Domestic	1906	.....
139	Patterson, Thomas	Elcan	6	S.E. ¼	26	9 18	Domestic	1907	1907
145	Pincher Creek Coal Min. Co., Ltd.	Pincher Creek	2		17	6 30	Sub-Bituminous	1907	1913
210	Premier Coal & Coke Co., Ltd.	Frank	1		5	4 5	Bituminous	1909	1914
261	Paulson, P. A.	Coleman	1		9	7 4	Bituminous	1910	1913
318	Poxon, John	Carbon	26	L.S. 9	29	30 22	Domestic	1911	1919
341	Perini, C.	Prosper	7	L.S. 9	5	8 8	Domestic	1912	.....
369	Petrie, J. H.	Edmonton S.	32		28	51 25	Domestic	1912	.....
392	Peace River Collieries, Ltd.	Peace River	37		1	60 14	Bituminous	1913	1913
394	Palmer Coal Company	Burnis	1	25 Miles S.W.	Burnis		Bituminous	1913	1913
411	Pyrab, Samuel	Magrath	4		8	8 21	Domestic	1913	1914
413	Page & Dayton	Raymond	4	N.W. ¼	29	4 20	Domestic	1913	1915
414	Popik, Dan	Berford	29		4	48 27	Domestic	1913	1915
439	Premier Coal Co., Ltd.	Drumheller	15	L.S. 3	10	29 20	Domestic	1914	1923
621	Pattison, Chas. H.	Carbon	26		11	29 23	Domestic	1915	1916
650	Peruzzo, R.	Beazer	5	L.S. 16	6	2 26	Domestic	1916	1922

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
662	Pickering, W. H.	Donalda	27	L.S.	5	29	Domestic	1916	1917	1921
679	Pickering & Warmoth	Donalda	27	L.S.	14	32	Domestic	1917	1920	1921
681	Parge, Charles H.	Twining	25	N.E.	1/4	1	Domestic	1917	1917	1917
710	Peters & Kinchin	Trochu	24	L.S.	10	14	Domestic	1917	1917	1917
723	Pattison, Robert	Verdant Valley	15	L.S.	13	35	Domestic	1917	1921	1921
742	Pederson, L.	Donalda	27	L.S.	13	16	Domestic	1918	1919	1919
759	Patterson, A. C.	Commerce	3	L.S.	2	17	Domestic	1918	1921	1921
763	Phoenix Coal Co.	Aerial	16	S.E.	1/4	15	Domestic	1918	1921	1921
798	Pawlina, Pete	Edmonton S.	32	L.S.	8	35	Domestic	1919	1921	1921
803	Pacy, John C.	Manyberries	5	L.S.	7	24	Domestic	1919	1923	1923
809	Pearl Coal Co., Ltd.	Alix	24	L.S.	6	33	Domestic	1919	1919	1919
811	Palisade Coal Co., Ltd.	Three Hills	27	W.	1/2	36	Domestic	1919	1919	1919
840	People's Mine, The	Eyremore	21	S.W.	1/4	15	Domestic	1919	1920	1921
849	Petit, J. J.	Halcourt	40		21	70	Domestic	1920	1921	1921
850	Perlin, H. E.	Coleman	1		34	7	Bituminous	1920	1923	1923
854	Pacific Colliery Co.	Lovett	38	S.W.	1/4	10	Sub-Bituminous	1920	1921	1921
887	Parr, John	Castor	23	S.E.	1/4	26	Domestic	1920	1921	1921
888	Pearson, Magnus	Calmar	32	L.S.	6	36	Domestic	1921	1921	1921
919	Pearson, Faucett & Carmichael	Delia	22	L.S.	15	30	Domestic	1921	1921	1921
934	Perry, W. H.	Burdett	7	L.S.	10	26	Domestic	1921	1921	1921
937	Pearson & Milne	Delia	22	L.S.	14	21	Domestic	1921	1921	1921
949	Paton, George	Delburne	24	S.E.	1/4	27	Domestic	1921	1921	1921
990	Pickering, B.	Cluny	21		7	22	Domestic	1921	1922	1922
1007	Porter, John	Rockyford	14	L.S.	16	13	Domestic	1922	1922	1922
1027	Parnell, William	Medicine Hat	8	L.S.	1	24	Domestic	1922	1922	1922
1082	Partridge, William	Wetaskiwin	28	L.S.	1	14	Domestic	1922	1923	1923
1096	Paton, J. L.	Lundbreck	2	L.S.	15	26	Sub-Bituminous	1923	1923	1923
933	Quebec, J. M.	Edmonton S.	32	L.S.	3	29	Domestic	1921	1923	1923

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location				Character of Coal	Date of	
				S.	T.	R.	W. of M.		Open- ing	Aban- don- ment	Re- open- ing
1084	Quist, Albert	Mayerthorpe	36	R.L.	23	Ed.	56	Domestic	1923	
18	Ramsay & George	Edmonton	31			3	9	Domestic	1896	1967
39	Reliance Coal Mining Co.	Taber	6				16	Domestic	1909	1909
51	Ransome, M. E.	Edmonton	31	R.L.	42	Ed.	Sett.	Domestic	1901	1906
55	Russell, G. F.	Lethbridge	4	L.S.	2	18	7	Domestic	1902	1919
75	Rech, Charles	Namoo	33	L.S.	4	16	55	Domestic	1903	1917
77	Rhodes, D.	Lundbreck	2			26	7	Sub-Bituminous	1903	1913
128	Rosedale Coal Co.	Edmonton	31	R.L.	28	Ed.	Sett.	Domestic	1907	1909
136	Rhodes, George	Long Coulee	9	L.S.	7	8	15	Domestic	1907	
154	Raisbeck, Luke	Grassy Lake	7	S. 1/2		9	10	Domestic	1907	1911
156	Rupert's Land Coal Co.	Oliver	30			11	54	Domestic	1907	1908
161	Reece, William	Magrath	4			2	7	Domestic	1907	1922
162	Reece, William	Magrath	4			2	7	Domestic	1907	1919
165	Redcliff Brick & Coal Co., Ltd.	Redcliff	8	S.W. 1/4		5	13	Domestic	1908	
169	Russell, John	Mitford	11	L.S. 14		5	13	Sub-Bituminous	1908	
172	Reynolds, H. J.	Elcan	6			13	26	Domestic	1908	1915
182	Raymond Coal Co.	Edmonton	30			27	53	Domestic	1908	1909
212	Ruscoe, Richard	Halkirk	23	N.W. 1/4		8	39	Domestic	1908	1908
221	Riviere Qui Barre Coal Co.	Riviere Qui Barre	33	S.E. 1/4		30	55	Domestic	1909	
228	Regal Collieries	Taber	6	L.S.	8	19	10	Domestic	1910	1913
250	Round Hill Collieries, Ltd.	Round Hill	28	S.E. 1/4		30	48	Domestic	1910	1914
281	Russell, J.	Cremona	11	L.S.	13	30	29	Domestic	1910	
301	Robinson, U. G.	Big Valley	18	Near Big Valley				Sub-Bituminous	1911	1919
320	Rider Bros.	Gadsby	23	N.W. 1/4		31	40	Domestic	1911	1914
332	Redcliff Premier Brick Co., Ltd.	Redcliff	8	N.W. 1/4		9	13	Domestic	1911	1913
344	Raber, Elsworth	Winnifred	7	L.S. 13		22	12	Shale	1912	1922
346	Rosedale Coal Co., Ltd.	Rosedale	16	L.S. 14		28	28	Domestic	1912	1914
347	Rose-Deer Coal Mining Co., Ltd.	Wayne	17	L.S. 13		7	28	Domestic	1912	

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		Re-opening
				S.	T.	R. M.		Open- ing	Aban- don- ment	
353	Roberts, William	Foremost	7	36	6	12	4	1912	1916	....
363	Rathburn, L. F.	Longview	10	8	18	2	5	1912	1913	....
379	Redcliff Pressed Brick Co., Ltd.	Redcliff	8	5	13	6	4	1913	1914	1916
409	Rollingson, John	Magrath	4	L.S.	4	17	21	1913	1915	1917
399	Roth, John	Prosby	7	L.S.	1/4	7	9	1913	1915	1917
431	Rambo, M. C.	Edson	36	N.W.	1/4	2	53	1914	1914	1917
446	Ruffell, Alfred	Lethbridge	3	S.E.	1/4	31	9	1914	1914	....
450	Robinson, William	Forestburg	27	L.S.	1	32	40	1914	1915	....
465	Raisbeck, Luke	Grassy Lake	7	S.E.	1/4	9	10	1915	1917	....
469	Ross, R. A.	Scollard	18	L.S.	9	34	34	1915	1917	....
479	Royal, Edward	Craigmyle	22	S.W.	1/4	12	31	1915	1915	....
602	Reville, Walter	Wisdom	8	L.S.	11	2	9	1915	1915	....
606	Riley, John W.	Lundbreck	2	N.W.	1/4	26	7	1915	1917	....
608	Richmond, Andrew	Erskine	23	L.S.	15	10	38	1915	1916	....
653	Ray, George A.	Halcourt	40	S.E.	1/4	25	70	1916	1916	....
665	Rich & Bergren	Gadsby	23	N.E.	1/4	21	39	1916	1916	....
671	Reed, Archer M.	Ghost Pine	26	S.W.	1/4	28	30	1916	1917	....
718	Rataushk, Fred	Eagle Butte	8	L.S.	15	28	8	1917	....	....
720	Rudolph Brothers	Edmonton S.	32	S.W.	13	5	51	1917	....	....
734	Rosemount Coal Co., Ltd.	Aerial	16	L.S.	11	21	28	1918	....	....
738	Rollingson, George	Raymond	3	L.S.	7	11	8	1918	1921	1921
743	Rawlusk, Pete	Beynon	14	L.S.	7	11	8	1918	1918	....
765	Redcliff Brick & Coal Co., Ltd.	Redcliff	8	L.S.	1	30	27	1918	1918	....
794	Roth, John	Etzikom	7	L.S.	14	5	13	1918	1918	....
810	Russell, Sandquist & Blair	Alix	24	L.S.	6	10	7	1918	1923	....
827	Rollingson, John	Magrath	4	L.S.	1	7	38	1919	1920	....
835	Rowland, A. E.	Delburne	24	S.E.	1/4	10	38	1919	1921	....
869	Reed & Brown, Ltd.	Edmonton.	31	R.L.	26	Ed.	Sett.	1920	....	....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment
891	Russell, Robert	Alix	24	N.W. 1/4	12	38	24	1921	.....
902	Remillard, J. B.	Castor	23	L.S. 16	33	37	14	1921	.....
966	Rochon, C. G.	Erskine	23	L.S. 10	10	38	22	1921	.....
977	Rollingson, G. (Con. with 738)	Lethbridge	3	L.S. 2	11	8	22	1922	.....
979	Rowan, Leonard	Carbon	26	L.S. 11	3	29	22	1922	.....
1015	Ross & Saunders	Big Prairie	11	L.S. 13	30	29	5	1923	.....
1017	Rouse, J. A.	Beynon	14	S.W. 1/4	6	28	20	1922	.....
1052	Raymond, J.	Beverly	30	R.L. 38	Ed. Sett.			1923	.....
1087	Reed & Robinson	Beverly	30	R.L. 40	Ed. Sett.			1923	.....
1114	Roth, John	Etzikom	7	L.S. 16	25	70	11	1923	.....
1118	Richardson, George A.	Halcourt	40	L.S. 2	1	10	17	1923	.....
1122	Renfrew Coal Co.	Taber	6	N.E. 1/4	8	55	24	1897	.....
28	Stewart & Campbell	Namao	33	R.L. 9	Ed. Sett.			1905	.....
47	Strathcona Coal Co.	Edmonton S.	32	S.E. 1/4	6	13	6	1911	.....
61	Scott, Fred	Medicine Hat	8	L.S. 2	36	14	21	1906	.....
110	Sutherland, Murdoch	Namao	33	L.S. 2	36	14	21	1906	.....
135	Smith, T. Edwin	Carmangay	9	W. 1/2	20	5	1	1907	.....
144	Scott & Maclane	Pincher Creek	2	S.E. 1/4	8	10	17	1911	.....
157	Southern Alberta Coal Co., Ltd.	Taber	6	S.E. 1/4	30	10	16	1908	.....
163	Shirts, James E.	Taber	6	S.E. 1/4	33	46	20	1911	.....
183	Consolidated with No. 244	Camrose	28	S.E. 1/4	28	9	21	1909	.....
195	Standard Lethbridge Coll., Ltd.	Lethbridge	3	N.E. 1/4	8	55	24	1909	.....
196	Speers, H.	Namao	33	N.W. 1/4	18	10	16	1914	.....
202	Superior Coal Co., Ltd.	Elcan	6	N.W. 1/4	36	11	11	1909	.....
238	Simpson, M.	Bow Island	7	L.S. 10	35	12	10	1910	.....
239	Savage, George W.	Winnifred	7	S.W. 1/4	18	48	19	1917	.....
241	Spicer Coal Co., Ltd.	Dinant	28	L.S. 1	33	46	20	1910	.....
244	Stoney Creek Coll., Ltd.	Camrose	28					1910	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	Dist- rict No.	Location			Character of Coal	Date of			
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment		
255	Straub, F. A.	Alix	24	L. S.	5	17	38	23	4	1910	1923
258	Sinclair, A. C.	Rose Lynn	22	N.E. 1/4	21	28	14	4	4	1910	1911
263	Security Coal Mines, Ltd.	Wabamun	35	N.E. 1/4	14	53	4	5	4	1910	1913
264	Stavely Coal Mining Co.	Long Coulee	9	N.E. 1/4	29	14	21	4	4	1911	1916
265	Simanton, W. H.	Winnifred	7	S.E. 1/4	22	12	10	4	4	1911	1911
268	Strader & Green	Halkirk	23	L. S.	10	18	39	15	4	1911	1916
276	Slockett, George	Diamond City	3	L. S.	13	9	10	21	4	1911	1918
286	Square Deal Mercantile Co.	Big Valley	18	S.W. 1/4	26	35	20	4	4	1911	1913
307	Sanderson, W. J.	Long Coulee	9	N.W. 1/4	8	15	22	4	4	1911	1913
311	Seale, James	Kimball	5		22	1	25	4	4	1911	1913
355	Stanton, George F.	Munson	15		29	29	20	4	4	1912	1914
368	Stegstra, Thomas	Comrey	5	L. S.	15	9	2	6	4	1912	1921
370	Schmidt, Stephen	Prosper	7	L. S.	16	30	7	8	4	1912	1918
389	Smith, Frank	Namoo	33	L. S.	16	8	55	24	4	1913	1918
422	Sterling Coal Co., Ltd.	Drumheller	15	L. S.	5	9	29	20	4	1914	1919
448	Santoni, Louis	Bow Island	7	L. S.	7	36	11	11	4	1914	1919
449	Stewart, C.	Forestburg	27	L. S.	15	36	40	16	4	1914	1922
461	Smith, T. Edwin	Yetwood	9	L. S.	9	28	15	21	4	1914	1917
494	Smithson, Irving	Halkirk	23	L. S.	5	20	37	15	4	1915	1916
610	Strilczyk, Louis	Round Hill	28	L. S.	8	10	48	18	4	1915	1918
625	Sikstrum, O. R.	Meeting Creek	27	L. S.	14	14	43	20	4	1915	1917
636	Stewart, Robert	Delia	22	S.W. 1/4	6	30	17	4	4	1916	1917
639	Spencer, Fred	Big Valley	18	L. S.	12	36	35	20	4	1916	1918
663	Smith, T. Edwin	Long Coulee	9	L. S.	3	17	15	21	4	1916	1917
666	Simmons, E. W.	Forestburg	27	L. S.	16	2	41	16	4	1916	1916
673	Strader, Lawson	Halkirk	23	N.E. 1/4	18	39	15	4	4	1916	1921
690	Sward, Henry	Rowley	18	L. S.	4	13	32	21	4	1917	1921
697	Standard Coal Co., Ltd.	Wayne	17	L. S.	7	18	28	19	4	1917	1921

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location		Character of Coal	Date of		
				S.	T. R. M.		Open- ing	Aban- don- ment	Re- open- ing
737	Sunshine Coal Co., Ltd.	Wayne	17	19	28 19	Domestic	1918	1919	1920
741	Sugars, Jackson & Ring	Edmonton	31	120th Ave. & 130 St.	4	Domestic	1918	1918	.....
753	Strickland, Thomas	Edmonton	33	L.S. 14 8 55	24 4	Domestic	1918	1918	.....
761	Southern Alberta Coal Co., Ltd	Lethbridge	3	L.S. 4 36 8	22 4	Domestic	1918	1918	.....
762	Stevenson, Archibald & Co.	Retlaw	6	L.S. 14 7 11	16 4	Domestic	1918	1918	.....
768	Shannon Coal Co., Ltd.	Carbon	26	L.S. 1 14 29	23 4	Domestic	1918	.....	.....
769	Sterling Collieries, Ltd.	Sterco	38	L.S. 2 35 47	20 5	Sub-Bituminous	1918	.....	.....
770	Shamrock Coal Co., Ltd.	Aerial	16	L.S. 10 20 28	19 4	Domestic	1918	1923	.....
795	Shaw & Son, James E.	Ardley	24	L.S. 2 33 38	23 4	Domestic	1919	1919	.....
796	Sunbeam Coll., Ltd.	Drumheller	14	L.S. 2 1 29	20 4	Domestic	1919	1919	.....
800	Steegstra & Rolfsen	Comrey	5	L.S. 9 4 2	6 4	Domestic	1919	1919	.....
821	Southern Alberta Coal Co., Ltd	Lethbridge	3	L.S. 10 36 8	22 4	Domestic	1919	.....	.....
829	Stupor, Oakley & Co.	Blackstone Mines	38	S.F. ¼ 19 47	19 5	Sub-Bituminous	1919	1922	.....
833	Superior Collieries, Ltd.	Lovett	38	L.S. 6 16 47	19 5	Sub-Bituminous	1919	.....	.....
836	Consolidated with No. 761	Lethbridge	3	L.S. 3 36 8	22 4	Domestic	1919	.....	.....
845	Scorgie, William	Halcourt	40	S.E. ¼ 21 70	10 6	Domestic	1920	1922	.....
847	Scranton Coal Co., Ltd.	Taber	15	19 28	19 4	Domestic	1920	1920	.....
872	Sand, D. W.	Edberg	27	N.E. ¼ 2 44	19 4	Domestic	1920	1922	.....
878	Sharkey, H.	Bittern Lake	28	R.L. 26 46	21 4	Domestic	1920	1921	.....
883	Seale, J. B.	Carbon	26	N.E. ¼ 15 29	23 4	Domestic	1921	1923	.....
890	Smalley, Melvin	Redwater	29	L.S. 7 22 57	21 4	Domestic	1921	1921	.....
899	Stanthorpe, J.	Taber	6	L.S. 15 12 10	17 4	Domestic	1921	.....	.....
906	Stahl & Wurz	Rockyford	14	L.S. 14 23 27	23 4	Domestic	1921	.....	.....
925	Schock, J. J.	Thelma	8	L.S. 15 12 7	3 4	Domestic	1921	1923	.....
927	Consolidated with No. 768	Carbon	26	L.S. 2 14 29	23 4	Domestic	1921	.....	.....
946	Striech, Paul	Nevis	23	L.S. 4 12 38	21 4	Domestic	1921	1922	.....
964	Sheppard Brothers	Galahad	27	L.S. 9 32 40	15 4	Domestic	1921	.....	.....
993	Smith & Wodzniak	Lethbridge	3	L.S. 5 11 8	22 4	Domestic	1922	.....	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of		
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing
1050	Sandquist, K.	Hillsdown	24	L. S.	15	2 38	24 4	1922	1923	.....
1054	Stauffer, Fred	Forestburg	27	L.S.E.	1	2 41	16 4	1922	1923	.....
1058	Stiles, C. J.	Halkirk	23	S.E.	¼	31 38	15 4	1922	1923	.....
1061	Skeen, Ernest	Nanton	10	S.E.	¼	35 14	4 5	1922	.....	.....
1062	Strader, Charles	Halkirk	23	L. S.	4	17 39	15 4	1922	.....	.....
1069	Swift, G. H.	Hairy Hill	29	L. S.	2	24 55	14 4	1922	.....	.....
1074	Streich, Paul	Nevis	23	L. S.	8	4 38	22 4	1923	.....	.....
1075	Sinclair, W. B.	Forcena	22	L. S.	13	27 28	13 4	1923	.....	.....
1076	Shepler, Ray	Rosedale	16	L. S.	5	7 28	18 4	1923	.....	.....
1095	Suran, John	Hardieville	3	L. S.	9	30 9	21 4	1923	.....	.....
1126	Seale, J. E.	Carbon	26	L. S.	5	13 29	23 4	1923	.....	.....
116	Talbot, Mr.	Namoo	33	S.E.	¼	17 55	24 4	1904	1908	.....
112	Three Hills Coal & Dev. Co., Ltd.	Three Hills	25	S.W.	¼	35 31	24 4	1906	1913	.....
113	Trentham, Albert	Three Hills	25	L. S.	16	26 31	24 4	1906	.....	.....
150	Consolidated with No. 252	Tofield	29	.....	.....	.....	.....	1907	.....	.....
160	Thorne, John	High River	10	.....	.....	9 18	2 5	1907	1909	.....
225	Thomas, John	Diamond City	3	L. S.	13	9 10	21 4	1910	1911	.....
249	Terris, Chapen	Heisler	27	L. S.	9	16 42	17 4	1910	1921	.....
251	Tyrluk, John	Heisler	27	N.E.	¼	28 42	17 4	1910	.....	.....
252	Tofield Coal Co., Ltd.	Tofield	29	N.	½	26 50	19 4	1910	.....	.....
313	Tonge & Gorton	Pincher Creek	2	L. S.	1	16 6	30 4	1911	1911	.....
322	Trochu Coal Co.	Pincher Creek	24	S.E.	¼	34 32	23 4	1911	1913	.....
382	Thorpe, George W.	Trochu	7	L. S.	4	16 7	9 4	1913	1914	.....
402	Thomas Coal Co., J. D.	Windy Ridge	15	.....	.....	8 29	20 4	1913	.....	.....
481	Toth, John	Nacmine	5	L. S.	4	16 4	16 4	1915	1918	.....
491	Treber, L. C.	Warner	22	L. S.	16	18 29	14 4	1915	.....	.....
495	Thompson, Ole	Lousana	24	L. S.	16	12 36	22 4	1915	.....	.....
615	Thornton & Co., H. S.	Daysland	27	L. S.	2	28 42	17 4	1915	.....	.....

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	R.		W. of M.	Open- ing	Aban- don- ment	
616	Tate, John	Ferry Point	27	S.E.	1/4	18	43	17	4	1915	1916
637	Trentham, William T.	Three Hills	25	L.S.	15	22	31	24	4	1916	1923
652	Taft, John B.	Grande Prairie	40	N.E.	1/4	35	70	7	6	1916	1916
745	Thomas, Joseph D.	Aerial	16	N.W.	1/4	18	28	19	4	1918	1918
813	Tabor Coal Mining Co.	Drumheller	16	N.W.	1/4	11	28	19	4	1919	1922
817	Trentham, H.	Ghost Pine	26	L.S.	2	6	31	21	4	1919	1919
907	Thomas, George	Sheerness	22	L.S.	16	16	29	13	4	1921	1921
920	Turner, William	Scollard	18	L.S.	15	34	34	21	4	1921	1921
930	Tynsdale & Smith	Nevis	23	L.S.	15	33	38	22	4	1921	1923
931	Taylor, Robert	Rosedale	16	L.S.	1	20	27	18	4	1921	1921
936	Turner & Smith	Suffield	8	L.S.	3	29	12	10	4	1921	1921
994	Tunke, A. H.	Edberg	27	L.S.	3	18	44	19	4	1922	1922
999	Taylor, E. H.	Halkirk	23	L.S.	3	30	37	15	4	1922	1922
1105	Taylor, Thomas	Lucky Strike	5	...	...	10	3	11	4	1923	1923
1123	Terris, Chapen	Gramania	32	L.S.	13	31	50	26	4	1923	1923
488	Unsworth, Robert	Garden Plain	22	L.S.	14	6	33	13	4	1915	1918
711	United Coal Co.	Elcan	6	L.S.	8	4	10	17	4	1917	1921
788	Urwin, William	Lethbridge	3	L.S.	1	18	7	21	4	1918	1918
831	United Collieries	Alix	24	L.S.	15	33	38	23	4	1919	1919
918	Unity Collieries, Ltd.	Drumheller	15	L.S.	5	14	29	21	4	1921	1921
1057	Ulmer, W. F.	Castor	23	S.W.	1/4	3	38	14	4	1922	1922
651	Voz, Joseph	Grande Prairie	40	L.S.	14	35	70	7	6	1916	1918
830	Van de Ryse & Beckart	Lake Isle	35	L.S.	2	34	53	6	5	1919	1921
864	Vimy Coal, Light & Pr. Co., Ltd.	Big Valley	18	L.S.	16	26	35	20	4	1920	1920
896	Vitaly & Co.	Blackstone Mines	38	L.S.	5	16	47	19	5	1921	1921
942	Van Brocklin & Wonski	Lethbridge	3	L.S.	2	16	10	21	4	1921	1923
996	Vair, W. H.	Boundary Creek	5	N.E.	1/4	29	1	26	4	1922	1922
997	Vair, W. E.	Boundary Creek	5	N.W.	1/4	32	1	26	4	1922	1922

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of	
				S.	T.	W. of M.		Open- ing	Aban- don- ment
1041	Vitaly & Lavorato	Wetaskiwin	28	L.S. 6	10 45	24 4	Domestic	1922	.....
1073	Valgardson, W.	Taber	6	S.E. 1/4	30 10	16 4	Domestic	1923	.....
64	West Canadian Coll., Ltd.	Blairmore	1	8	8	3 5	Bituminous	1902	1913
87	West Canadian Coll., Ltd.	Bellevue	1	L.S. 10	20 7	3 5	Bituminous	1903	.....
102	Wilson, John	Leduc	32	West of Leduc			Domestic	1904	.....
116	Watson, George	Three Hills	25	L.S. 13	22 31	24 4	Domestic	1905	.....
122	Wetaskiwin Coal Co.	Strathcona	32	20 51	25 4		Domestic	1906	.....
142	Watson, George	Three Hills	25	22 31	24 4		Domestic	1907	.....
148	Western Coals, Ltd.	Edmonton	31	R.L. 31	53 24	4	Domestic	1907	1915
186	Walwork, James	Bow Island	7	S.W. 1/4	36 11	11 4	Domestic	1909	1912
193	West Canadian Coll., Ltd.	Blairmore	1	L.S. 7	35 7	4 5	Bituminous	1909	.....
198	Watkins, W. E.	Champion	9	L.S. 13	4 16	23 4	Domestic	1909	1918
243	Washkoski, Michael S.	Castor	23	S.E. 1/4	26 37	14 4	Domestic	1910	1916
291	Wagner, Joseph	Gadsby	23	S.W. 1/4	28 39	16 4	Domestic	1911	1916
303	Watson, George	Three Hills	25	L.S. 11	22 31	24 4	Domestic	1911	1920
308	Wukusich, Louis	Lucky Strike	5	L.S. 7	10 3	11 4	Domestic	1911	1921
314	Walsh, W. R.	Ardley	24	S.E. 1/4	29 38	23 4	Domestic	1911	1919
321	Warneboldt, J.	Sheerness	22	L.S. 7	19 29	12 4	Domestic	1911	1923
396	West Canadian Coll., Ltd.	Blairmore	1	L.S. 10	2 8	4 5	Bituminous	1913	.....
430	Weaver, Hugh	Edberg	27	18 44	19 4		Domestic	1914	1915
442	Williscroft, W. & G.	Namoo	33	S.E. 1/4	3 55	24 4	Domestic	1914	1915
471	Wooden, Clyde M.	Rumsey	18	L.S. 15	18 34	21 4	Domestic	1915	.....
490	Wright Bros.	Garden Plain	22	N.E. 1/4	18 33	13 4	Domestic	1915	1921
624	Williams, C.	Priddis	11	4 22	3 5		Sub-Bituminous	1915	1916
630	Consolidated with No. 243	Castor	23				Domestic	1916	1916
640	Western Commercial Co., Ltd.	Wayne	17	L.S. 1	7 28	19 4	Domestic	1916	.....
654	Waldo, Walter H.	Halcourt	40	L.S. 14	24 70	11 6	Domestic	1916	1917
678	Western Gem Coal Co., Ltd.	Drumheller	15	L.S. 13	10 29	20 4	Domestic	1917	.....
682	Wedman, Gottlich	Strathcona	32	L.S. 4	6 51	25 4	Domestic	1917	1918

LIST OF MINES—(Continued).

Mine No.	Operator	Address	District No.	Location			Character of Coal	Date of			
				S.	T.	W. of R. M.		Open- ing	Aban- don- ment	Re- open- ing	
705	Wright, George	Garden Plain	22	L. S.	10	18	33	13	4	1917	1919
721	Worthington & Cunningham	Strathcona	32	L. S.	10	29	51	25	4	1917	1918
793	Wisla, Albert	Heisler	27	L. S.	7	3	43	17	4	1918	1918
807	Wilkinson, J. E.	Donalda	27	L. S.	1	29	41	17	4	1919	1919
822	Willis, Walter L.	Champion	9	L. S.	4	24	16	22	4	1919	1919
834	Wilson, Frank L.	Rosalind	27	L. S.	14	4	37	17	4	1919	1921
838	Whittlesea, Frederick	Suffield	8	L. S.	7	28	12	10	4	1919	1921
862	Wright, James	Garden Plain	22	S.W.	1/4	6	34	13	4	1920	1923
914	Ward, John	Eyremore	21	L. S.	3	23	17	17	4	1921	1923
928	Willie, John	Nevis	23	L. S.	15	10	38	22	4	1921	1922
975	Westgate Coal Syndicate	Eyremore	21	L. S.	15	27	17	17	4	1922	1923
981	Welsh & Harker	Magrath	4	L. S.	13	8	7	21	4	1922	1922
983	Warren & Adair	Commerce	3	N.W.	1/4	27	10	21	4	1922	1922
995	Warneboldt, J.	Sheerness	22	L. S.	14	18	29	12	4	1922	1922
1008	Watson, William	Drumheller	15	L. S.	15	11	29	20	4	1922	1922
1020	Wall, John H.	Raymond	4	L. S.	4	7	7	21	4	1922	1923
1032	Walton, George	Forestburg	27	L. S.	12	31	40	15	4	1922	1922
1063	Wild, John	Cornucopia	27	L. S.	12	31	40	16	4	1922	1922
1078	Wellington Coal Co.	Mile 52 A. C.B.	38	L. S.	8	19	47	19	5	1922	1923
1097	Walker & Son, R. H.	Grassy Lake	7	L. S.	8	26	9	13	4	1923	1923
1101	Wall, W. H.	Camrose	28	S.E.	1/4	29	46	19	4	1923	1923
1125	Williamson, C. N.	Alix	24	L. S.	7	2	39	23	4	1923	1923
220	Yellowhead Coal Co.	Coalpur	38	L. S.	6	33	48	21	5	1910	1923
337	Yard, G. C.	Trochu	24	S.W.	1/4	10	34	22	4	1912	1916
661	Yard Bros. Coal Co.	Huxley	24	L. S.	4	10	34	22	4	1916	1918
704	Young, Albert	Halkirk	27	L. S.	12	25	40	16	4	1917	1917
1005	Yake, Herbert	Carstairs	11	N.E.	1/4	34	29	1	5	1922	1923
383	Consolidated with 403	Munson	15	L. S.	7	22	29	20	4	1913	1916
403	Zarh & Embury	Munson	15	L. S.	7	22	29	20	4	1913	1916

BOARD OF EXAMINERS

The constitution of the Board during 1923 was as follows:
As representing:

- (a) The Mine Inspectorate:
John T. Stirling, Chief Inspector of Mines.
- (b) Managers:
Robert Livingstone and Norman Fraser.
- (c) Working Miners:
Evan Morgan and B. Matthews.

Secretary:—James A. Richards.

Examinations were held during the year as follows:

For First and Second Class Certificates of Competency: on June 13, 14, 15, at Blairmore, Lethbridge, Calgary, Nordegg, Edmonton, and Mountain Park.

For Third Class Certificates of Competency: at Drumheller on April 11, 12, and May 9, 10; at Blairmore, May 8, 9; at Lethbridge, May 9; at Cadomin, May 11; at Edmonton, May 15, 16; at Brule Mines, May 21; at Evansburg, May 25, and at Nordegg, June 16.

For Mine Surveyors' Certificates of Competency: on June 15 at Edmonton, Calgary, Mountain Park, Blairmore, and Lethbridge.

Fifteen candidates presented themselves for examination for First Class Certificates, of whom three were successful; twenty-four for examination for Second Class Certificates, eight of whom were successful; seventy-nine for examination for Third Class Certificates, fifty-eight of whom were successful; and twelve for examination for Mine Surveyors' Certificates, seven of whom were successful.

During the year two hundred and fifty-one Provisional Certificates were granted to persons authorizing them to act as Overmen until they had an opportunity of obtaining final Certificates by examination.

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO DECEMBER
31, 1923

Name	Address	Cert. No.	Date of Issue
Addie, W.	Lundbreck	19	25- 8-02
Aspinall, Francis	Drumheller	22	1- 3-09
Ashburner, Edward	Lethbridge	40	9-12-10
Alderson, Fred Dunn	Hosmer, B. C. (Deceased)	52	27- 9-11
Allen, Peter	Wayne	72	5-11-12
Bradshaw, G. B.	Nanaimo, B. C.	61	16- 5-05
Broome, G. H.	New Zealand	46	28-11-04
Bastian, J.	Taber (Deceased)	43	19- 7-04
Brown, J.	Calgary	18	24- 8-03
Baxter, Andrew W.	Calgary	47	22-12-10
Barnes, Arthur W.	Montana	74	7-11-12
Black, Ernest D.	England	84	29- 7-13
Brydon, Andrew D.	England	4	18- 9-14
Brownrigg, John H.	Bankhead (Deceased)	21	17- 7-17
Blake, Henry	Bellevue	25	27- 7-17
Brown, Hugh R.	Wayne	26	28- 6-18
Bilson, George H.	Beverley	27	28- 6-18
Brown, R. J.	Coal Creek, B. C.	30	3- 7-18
Brown, Thomas	Edmonton	42	5- 9-19
Colville, A.	(Deceased)	52	19- 1-05
Collins, W. F.	Blairmore	24	31-10-03
Coulthard, R. W.	Blairmore	8	19- 3-05
Church, J. A. H.	Edmonton	11	23- 1-08
Cunningham, G. F.	Edmonton (Deceased)	7	10- 1-08
Crowder, James	Blairmore	38	24-12-09
Christianson, Peter	Edmonton (Deceased)	48	21-12-10
Clyne, James	Edmonton	69	18- 3-12
Crowder, Harry	Drumheller	5	18- 9-14
Callender, Ira C.	Virginia (Deceased)	13	12- 8-16
Cranston, Michael	Camrose	35	2- 7-19
Drinnan, R. G.	Edmonton	29	30- 1-04
Dickson, G. H.	Ontario	3	31- 5-06
Dunn, A. C.	Edmonton	18	13- 1-09
Darbyshire, J.	Edmonton	35	3-12-09
Davidson, W. A.	Rosedale	25	27-11-09
Davis, David	Coleman	62	28-11-11
Duggan, William H.	Foothills	85	29- 7-13
DeHart, Joseph B.	Lethbridge	86	29- 7-13
Dennis, Fred W.	England	12	28-10-15
Davidson, David	Coleman	15	12- 8-16
Donaldson, Chris. S.	Lethbridge	20	17- 7-17
Davies, Thomas O.	Hillcrest	22	17- 7-17
D'Altroy, Arthur C.	Wayne	53	17- 8-23
Emmerson, J.	Frank	50	13- 4-05
Emmerson, C.	Bellevue	49	9- 1-05
Elliott, D.	Blairmore	20	13-10-03
Ellis, W.	Three Hills	15	8- 1-09
Evans, D.	Vancouver	1	15-10-98
Emerson, J.	Bellevue (Duplicate)	41	25- 8-19
Flint, W. G.	Edmonton	56	13- 4-05
Finlayson, J.	Dinant	30	10- 2-04
Fraser, Norman	Edmonton	1	21-12-05
Fraser, G. L.	Coleman	1	31- 5-06
Ferguson, C. J.	Edmonton	23	17- 7-17
Foster, William	Wayne	40	12- 8-19
France, Thomas	Nordegg	44	8-10-19
Green, R.	Blairmore	58	26- 4-05
Graham, C.	Cumberland, B. C.	7	27- 2-06
Givin, Homer H.	Virginia, U. S. A.	57	23-11-11
Gray, David	Wayne	65	4-12-11
Guernsey, Forbes W.	Vancouver, B. C.	80	18-12-12

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Henrietta, Chas. M.	Byseville, Ohio	26	24-11-03
Heathcote, Elijah	Coal Creek, B. C. (Deceased)	23	31-10-03
Hargreaves, James	Victoria, B. C.	9	25- 6-01
Hamilton, W. L.	Winnipeg, Man.	4	2-12-98
Hardie, W. D. L.	Lethbridge	2	15-10-98
Huntrods, E. S. F.	Taber	3	29-12-98
Holden, James	Drumheller	14	7- 1-09
Hamilton, Robert	Three Hills	4	3- 1-07
Horne, Thomas	Edson	6	26-12-07
Harrison, Stephen	Lethbridge (Deceased)	16	11- 1-09
Hart, John	Edmonton	23	23- 3-09
Horne, Robert	Blairmore	12	7- 1-09
Howells, Nathaniel	Nacmine	64	4-12-11
Hunter, A. B.	Wabamun	14	12- 8-16
Higgins, Alexander	Three Hills	19	7- 7-17
Heeley, William G.	Brule	36	3- 7-19
Hetherington, W. B.	Luscar	38	9- 7-19
Hastings, A. P.	Bankhead	47	26- 7-20
Howden, Archibald B.	Michel, B. C.	50	1- 8-21
Hamilton, Allan	Blairmore	52	17- 7-23
Jones, Samuel A.	Nanaimo, B. C.	57	26- 4-05
John, John	Nanaimo, B. C.	44	29- 4-04
Jones, David	Edmonton	67	27-11-11
Johnson, Moses	Lethbridge	79	14-11-12
Jordan, William	Drumheller	11	9- 9-15
Keith, Thomas	Nanaimo, B. C. (Deceased)	20	29- 1-09
Kerr, Alex.	Tonkin, B. C.	27	18-12-03
Knox, Thomas K.	Coal Creek, B. C.	28	30-11-09
Kellock, George	Coleman	59	23-11-11
Kinsman, Alex	Hosmer, B. C. (Deceased)	70	11- 5-12
Little, John	Coalfields	5	2-12-98
Livingstone, Robert	Lethbridge	16	.....
Lewellyn, D. R.	Michel, B. C.	42	2- 7-04
Little, William F.	Canmore	4	29-12-05
Lee, Robert J.	Estevan	56	23-11-11
Leblanc, Emile	Taber	6	18- 9-14
Morris, James J.	Canmore (Deceased)	3	3-11-98
Morris, Cyrus	Frank	12	13- 2-02
Manley, Henry L.	Fernie, B. C.	41	3- 6-04
Morton, T. R.	Michel, B. C. (Deceased)	63	27- 7-05
Mills, Thomas	Nanaimo, B. C.	35	2- 5-04
Marsh, John	Lethbridge	6	1- 2-06
Moore, Samuel M.	Bankhead	26	27-11-09
Maxwell, William	Nova Scotia	27	29-11-09
Miller, Andrew A.	Taylorton, Sask.	54	23-11-11
Musgrove, William	Canmore	76	11-11-12
Marshall, John W.	Evansburg	78	13-11-12
Mather, Thomas	Edmonton	81	20- 7-13
Milne, Morgan C.	Virginia, U.S.A.	83	14- 7-13
Morgan, Owen	Blairmore	51	17- 7-23
McEvoy, James	Toronto, Ont.	17	1- 8-03
McVicar, Samuel	Three Hills (Deceased)	59	26- 4-05
McLean, Donald	Coalmont, B. C.	62	22- 5-05
McMillan, J. H.	Cadomin	17	12- 1-09
McLenhan, J. A.	Dinant	39	13- 1-10
McDonald, John R.	Edmonton	29	30-11-09
Macaulay, D. A.	Drumheller	42	9-12-10
McCulloch, James	Drumheller	41	17-12-10
McDonald, Duncan	Drumheller	60	23-11-11
McKelvie, James	Drumheller	7	26-10-14
Macaulay, Angus G.	Midlandvale	9	16- 8-15

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES

(Continued)

Name	Address	Cert. No.	Date of Issue
McDonald, Hector S.	Bellevue	17	7- 7-17
McLeod, John A.	Evansburg	18	7- 7-17
McDonald, Noble M.	Bellevue	33	9- 7-18
McIntyre, John J.	Bellevue	39	25- 7-19
McGuckie, Thomas M.	Wayne	43	1-10-19
O'Donnell, Thomas	Rosedale	61	28-11-11
Pearson, Robinson	Fernie, B. C.	11	19-11-01
Parker, John L.	Lundbreck	25	13-11-03
Pearson, R. N.	Frank	38	10- 5-04
Powell, John W.	Virginia, U. S. A.	60	10- 5-05
Pitcher, Norman C.	Edmonton	75	11-11-12
Pickles, William	Edmonton	77	11-11-12
Pavier, Evan L.	Big Valley	24	24- 7-17
Puckett, Owen L.	Lovett	29	3- 7-18
Quigley, James S.	Hillcrest	21	1- 2-09
Quigley, Daniel H.	Coalhurst	28	28- 6-18
Reynolds, E. E.	Lethbridge	33	5- 4-04
Richards, James A.	Edmonton	39	17- 5-04
Russell, Thomas	Michel, B. C. (Deceased)	45	28-10-04
Raisbeck, Luke	Delia	47	28-11-04
Reed, Thomas	Nanaimo, B. C. (Deceased)	5	.....
Robertson, John	Big Valley	2	22-12-05
Robertson, John	Lundbreck	9	18- 1-08
Richards, C. C.	Calgary	36	13-12-09
Russell, John	Clover Bar	44	22-12-10
Reid, John	Oklahoma, U. S. A.	53	4-12-11
Roberts, Edward I.	Coalspur	55	18-11-11
Reid, Adam H.	Oklahoma, U. S. A.	3	18- 9-14
Russell, James	Lethbridge	8	8-12-14
Robert, Louis P.	Bellevue	10	16- 8-15
Ramsay, P. M.	Canmore	34	12-11-18
Smith, Frank B.	Edmonton	7	4- 6-01
Stockett, Thomas R.	Vancouver, B. C.	10	19-11-01
Simister, Chas.	Lundbreck	21	13-10-03
Strachan, Robert	Fernie, B. C.	31	10- 2-04
Shepherd, F. H.	Victoria, B. C.	34	2- 5-04
Symons, C. C.	Lethbridge	37	2- 5-04
Stockett, Lewis	Calgary	51	19- 1-05
Sharp, Alex.	Rossland, B.C. (Deceased)	53	22- 2-05
Stirling, John T.	Edmonton	8	10- 1-08
Scott, Alex.	Castor	5	26-12-07
Sparrow, Edwin	Tawatinaw	13	7- 1-09
Scott, Andrew N.	Mountain Park	19	25- 1-09
Shone, Samuel	Coleman	33	2-12-09
Stevens, Leonard C.	Edmonton	31	2-12-09
Saville, Enoch O.	Taber	45	22-12-10
Shaw, William	Edmonton	46	22-12-10
Stewart, Robert T.	Blairmore	50	12- 1-11
Shanks, John	Nordegg	51	17- 1-11
Stevenson, John	Glasgow, Scotland	68	6-12-11
Stevenson, William	Hillcrest	87	29- 7-13
Shanks, David	Nordegg	16	4-11-16
Smith, Thomas E.	Montana, U.S.A.	31	3- 7-18
Stevenson, John	Hillcrest	46	26- 7-20
Stewart, James M., Jr.	Nordegg	48	26- 7-20
Thorne, Benjamin L.	Calgary	32	2-12-09
Thain, Harry S.	Lethbridge	34	2-12-09
Thomas, John I.	Edmonton	49	16- 1-11
Thomas, Willis P.	Diamond City	58	23-11-11
Thomas, Joseph D.	Aerial	66	4-12-11
Turner, John H.	Coalhurst	49	1- 8-21
Whiteside, O. E. S.	Coleman	6	15-12-98

LIST OF NAMES OF HOLDERS OF FIRST CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
White, E. Proctor	Virginia, U.S.A.	8	17- 6-01
Wyllie, John B.	Frank (Deceased)	13	25-11-02
Waite, Archibald	Taber	15	9- 4-03
Wilson, David G.	Bankhead	22	31-10-03
Wilson, Arthur R.	Nanaimo, B. C.	28	12- 1-04
Wall, William H.	Vancouver, B. C.	32	10- 2-04
Williams, W. P.	Bellevue (Deceased)	36	2- 5-04
Wright, H. B.	Tennessee, U.S.A.	40	25- 5-04
Wilkinson, George	Victoria, B. C.	54	27- 3-05
Weatherby, C.	Ardley	2	31- 5-06
Williams, T. H.	Taber	10	10- 1-08
Watters, John	Bankhead	30	30-11-09
Wark, S. D.	Sointula, B. C.	37	15-12-09
Willey, Edward	Fernie, B. C.	71	1-11-12
Watson, William	Drumheller	73	7-11-12
Welch, James D.	Nordegg (Deceased)	1	18- 9-14
Williams, Thomas B.	Madison, Wis.	2	18- 9-14
Watters, Alexander G.	Bankhead	32	3- 7-18
Watson, Ronald H.	Mountain Park	37	3- 7-19
Wilkinson, George	Victoria, B.C. ... (Duplicate)	45	21-11-19

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA
TO DECEMBER 31, 1923

Name	Address	Cert. No.	Date of Issue
Anderson, J.	Bellevue	2	30- 5-06
Aspinall, Francis	Midlandvale	27	27- 5-08
Allen, Peter	Wayne	72	20-12-11
Allen, William C.	Wayne	22	7- 9-15
Atherton, Edward	Sheerness	49	17- 7-17
Ashurst, William	Coleman	51	17- 7-17
Ashman, Alfred W.	Calgary	88	3- 7-19
Adlam, William	Hillcrest	107	15- 7-19
Armstrong, John	Nordegg	110	16- 7-19
Adams, Thomas H.	Edmonton	127	26- 7-20
Anderson, Peter B.	Mountain Park (Deceased)	139	26- 7-20
Bastian, T. W.	Bankhead	27	8- 4-05
Bastian, J.	Taber (Deceased)	21	7- 5-04
Bowie, J.	Wayne	4	3- 1-07
Bamling, J.	Diamond City	44	2-12-09
Brockhouse, I. B.	Milk River	74	20-12-11
Bridge, Edward	Cumberland, B. C.	99	5-11-12
Brown, Alan J.	Pocahontas	105	7-11-12
Barclay, Andrew	Frank	111	18-11-12
Brown, William	Commerce	126	31- 7-13
Blake, Henry	Bellevue	128	31- 7-13
Brisco, Daniel	Luscar	19	21- 8-15
Bilson, George H.	Beverly	2	27- 8-14
Brownrigg, John H.	Bankhead (Deceased)	21	30- 8-15
Berford, Edward	Blairmore	27	12- 8-16
Barclay, William	Drumheller	54	10- 8-17
Bovio, M.	Bellevue	61	5- 7-18
Blair, John	Wayne	72	11- 7-18

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Brearley, Garnett	Coalhurst	78	23- 7-18
Brown, J. F.	Edmonton	84	28- 6-19
Ball, Benjamin	Michel, B. C.	101	8- 7-19
Badham, Thomas	Coleman	104	15- 7-19
Bainbridge, James	Nanaimo, B. C.	112	5- 8-19
Brooks, Burton T.	Drumheller	129	26- 7-20
Brady, John	Lovett	141	26- 7-20
Brown, Thomas	Edmonton	55	17-11-17
Briggs, William A.	Drumheller	154	10-10-21
Bradley, Thomas	Bellevue	166	17- 8-23
Baybutt, Thomas	Hillcrest	168	17- 8-23
Blas, Emile	Bellevue	169	17- 8-23
Chestnut, C.	Ardley	30	18- 4-05
Corkill, T.	Michel (Deceased)	13	
Crowder, James	Blairmore	10	26-12-07
Clay, E.	Oxville	28	7- 1-09
Clark, J. C.	Blairmore (Deceased)	49	22-12-09
Clyne, J.	Edmonton	53	22- 4-10
Clemenson, John	Bankhead	58	17-12-10
Cooke, Joseph	Burmis	66	20- 2-11
Crowder, Harry	Drumheller	69	18-12-11
Coupland, George	Bellevue	77	21-12-11
Cranston, Michael	Camrose	119	29- 7-13
Crawford, Alexander	Nacmine	125	31- 7-13
Campbell, K. S.	Beverly	132	31- 7-13
Coupland, Edward	Cadomin	8	18- 9-14
Coutes, George	Lethbridge	20	26- 8-15
Conlin, John	Drumheller	33	22- 8-16
Cox, John Charles	Coleman	42	7- 7-17
Clark, Robert	Hardieville	43	7- 7-17
Crabb, Samuel A. B.	Lethbridge	52	17- 7-17
Crawford, John	Nordegg	64	6- 7-18
Crawford, William S.	Lethbridge	66	9- 7-18
Carson, James	Spring Point	82	17-10-18
Cartwright, Charles E.	Lundbreck	85	2- 7-19
Clarkstone, W. W.	Fernie, B. C.	93	3- 7-19
Caufield, J.	Coal Creek, B. C.	105	15- 7-19
Carr, Thomas	Brule Mines	117	1-10-19
Cole, J. J.	Bankhead	126	26- 7-20
Congdon, Milton H.	Blairmore	158	1- 8-22
Davies, D.	Coleman	31	18- 4-05
Duggan, R. G.	Nanaimo, B. C.	19	26- 4-04
Davis, A.	Lethbridge	4	19-11-98
Dixon, S.	Commerce	24	8- 2-08
Davies, S.	Coal Creek, B. C.	18	10- 1-08
Davies, John	Coleman	11	26-12-07
Dunn, J. P.	Edmonton South	9	26-12-07
Davis, John	Lethbridge	31	11- 1-09
Davies, T.	Frank	54	22- 4-10
Davidson, David	Coleman	94	1-11-12
Davies, Thomas O.	Hillcrest	104	7-11-12
Dalziel, Robert	Clover Bar	122	31- 7-13
Digman, John H.	Coalhurst	134	31- 7-13
Dennis, F. W.	England	3	27- 8-14
Dewar, Alexander	Coleman	16	16- 8-15
Donaldson, C. S.	Lethbridge	35	25- 8-16
Duncan, N. S.	Wayne	100	8- 7-19
D'Altrov, A. C.	Drumheller	145	1- 8-21
Dieter, W. J.	Sheerness	167	17- 8-23
Emmerson, C.	Bellevue	3	15-11-98
Eccleston, W.	Edmonton	16	10- 1-08
Evans, T. E.	Coleman	137	31- 7-13

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Embree, Merton B.	Evansburg	98	3- 7-19
Fraser, G. L.	Coleman	25	23-12-04
Flint, W. G.	Edmonton	16	.....
Francis, J.	Taber	29	8- 1-09
Fox, A.	Carbon	42	29-11-09
Foster, W. R.	Michel, B. C.	51	24- 1-10
Fulton, James K.	Coleman	133	31- 7-13
Foster, William	Wayne	14	16- 8-15
Finlay, Samuel	Clover Bar	25	12- 8-16
Ferguson, C. J.	Beverly	38	30- 8-16
Fortner, Edward	Tennessee, U.S.A.	57	3- 7-18
France, Thomas	Nordegg	67	9- 7-18
Fyvie, J.	Drumheller	109	16- 7-19
Fraser, James	Carbon	133	26- 7-20
Fyfe, Walter H.	Wayne	142	26- 7-20
Ford, Allen	Michel, B. C.	146	1- 8-21
Green, R.	Blairmore	17	26- 4-04
Giffen, H. R.	Carbon	14	.....
Gilliland, William	Cardiff	61	17-12-10
Garbett, Richard	Corbin, B. C.	100	5-11-12
Garrett, John	Blairmore	123	31- 7-13
Givens, J.	Drumheller	99	8- 7-19
Gate, Harry	Coleman	124	26- 7-20
Graham, John	Coaldale	157	1- 8-22
Gidman, Joseph H.	Taber	165	29-12-22
Hall, Oliver	Bellevue	26	23-12-04
Harvie, Robert	Lethbridge	1	30- 5-06
Hutchinson, A. M.	Coleman	6	3- 1-07
Horne, Robert	Lethbridge	12	26-12-07
Horswell, John	Edmonton	34	1- 2-09
Howells, Nathaniel	Lethbridge	55	25- 5-10
Hallworth, Albert	Bellevue	65	30- 1-11
Hamilton, Allan	Blairmore	78	21-12-11
Heeley, William G.	Brule Mines	80	22-12-11
Hill, James	Canmore	84	13- 1-12
Hutton, John	Bellevue	93	1-11-12
Hunter, Henry	Edmonton	102	7-11-12
Hughes, Daniel J.	Diamond City	110	13-11-12
Hartley, William	Bankhead	114	25-11-12
Hunter, Charles	Beverly	4	18- 9-14
Hunter, Alexander B.	Wabamun	7	18- 9-14
Harries, Henry C.	Coleman	9	18- 9-14
Heathcote, Joseph	Edmonton	10	18- 9-14
Hughes, William R.	Barnwell	13	6- 8-15
Halliday, George W.	Nanaimo, B. C.	31	22- 8-16
Hutton, David T.	Bellevue	44	10- 7-17
Hastings, Andrew P.	Bankhead	62	5- 7-18
Hulme, Charles	Aerial	63	6- 7-18
Hargreaves, G.	Lethbridge	70	9- 7-18
Hutchison, P.	Bankhead	102	10- 7-19
Hedges, Richard	Beverly	111	18- 7-19
Higney, John	Coalhurst	130	26- 7-20
Heap, Robert	Coalhurst	137	26- 7-20
Holmes, Robert	Coleman	144	6- 1-21
Hughes, John C.	Madrid	156	15-12-21
Hamilton, Joseph J.	Lethbridge	164	9- 9-22
Ironmonger, John	Hillcrest	60	5- 7-18
Jones, Samuel A.	Nanaimo, B. C.	18	26- 4-04
Johnson, Moses	Commerce	46	3-12-09
Jones, David	Edmonton	48	15-12-09
Jones, Peter	Commerce	92	1-11-12
Jordan, William	Drumheller	112	20-11-12

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
James, William	Pocahontas . . . (Deceased)	5	19- 9-14
Jackson, James	Bellevue	56	3- 7-18
Joberg, A. F.	Delia	68	9- 7-18
Jones, C. E. R.	Cardiff	83	12-11-18
Jones, D.	Coalhurst	116	5- 9-19
Kerr, John	Lethbridge	33	6- 7-05
Kellock, George	Coleman	39	27-11-09
Kellock, James	Coleman	82	30-12-11
Keith, John D.	Coalhurst	107	11-11-12
Kaye, Herschel	Pocahontas	129	31- 7-13
Kerr, W. R.	Nordegg	115	2- 9-19
Lowrie, Ralph	Frank	34	6- 7-05
Livingstone, Robert	Lethbridge	6	5- 6-99
Livingstone, John C.	Lethbridge	5	19-11-98
Lee, Robert J.	Estevan	56	17-12-10
Luck, George	Drumheller	70	19-12-11
Letcher, William M.	Bankhead	96	1-11-12
Leblanc, Emile	Taber	127	31- 7-13
Littler, Robert	Bankhead	6	18- 9-14
Lundy, James	Carbon	53	17- 7-17
Larrai, Charles F.	Drumheller	74	12- 7-18
Lindoe, Luke	Coleman	170	1- 9-23
Musgrove, John	Canmore . . . (Deceased)	2	15-11-98
Musgrove, William	Canmore	32	6- 7-05
Miller, John K.	Drumheller	29	8- 4-05
Morris, John	Lundbreck . . . (Deceased)	8	18- 9-14
Morgan, Daniel	South Wales	17	10- 1-08
Moore, Thomas E.	Drumheller	47	11-12-09
Miard, Harry E.	Coal Creek, B. C.	64	16- 1-11
Munro, William K.	Blairmore	76	21-12-11
Murphy, Peter J.	Drumheller	91	24- 8-12
Mather, Thomas	Edmonton	106	11-11-12
Muir, David	Edmonton	108	11-11-12
Massey, Harry	Corbin, B. C.	116	25-11-12
Morgan, Owen	Blairmore	121	29- 7-13
Mason, Samuel	Blairmore	130	31- 7-13
Mather, John	Beverly	23	13- 9-15
Miller, Walter	Beverly	26	12- 8-16
Melling, Peter	Evansburg	28	12- 8-16
Murray, J.	Coalhurst	90	3- 7-19
Mossey, Thomas	Lethbridge	95	3- 7-19
Makin, J. W.	Hillcrest	103	15- 7-19
Marsh, E.	Taber	113	25- 8-19
Martin, R.	Taber (Deceased)	114	25- 8-19
Miller, John R.	Aerial	131	26- 7-20
Mackie, John	Bankhead	136	26- 7-20
Marsh, John H.	Drumheller	153	1- 8-21
Meyers, August	Drumheller	172	18-12-23
McVicar, Samuel	Three Hills . . . (Deceased)	23	23-12-04
McKean, John W.	Lethbridge	24	23-12-04
McGregor, Alex.	Foothills	1	20-12-05
McKay, Donald	Bankhead . . . (Deceased)	3	30- 5-06
McLenhan, John A.	Dinant	33	1- 2-09
McFegan, William	Hillcrest	34	22- 8-16
McIntyre, John J.	Bellevue	41	9-12-16
MacDonald, J. H.	Nanaimo, B. C.	48	10- 7-17
McQueen, Andrew	Nordegg	71	9- 7-18
McKinnon, H. G.	Canmore	76	13- 7-18
MacAskill, Donald	Drumheller	77	16- 7-18
McKinnon, John J.	Coleman	80	26- 7-18
McLean, Michael D.	Michel, B. C.	122	26- 7-20
McCullough, Alex.	Cadomin	143	10- 8-20

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
McLeod, Alexander	Drumheller	149	1- 8-21
McKenna, Peter	Cadomin	161	1- 8-21
MacDonald, William	Drumheller	155	10-10-21
McGaw, A. M. S.	Car Mangay	171	15- 9-23
Nicol, James	Midlandvale	36	10- 2-09
Nanson, Thomas H.	Bellevue	40	25- 9-16
Nicol, George	Cadomin	46	10- 7-17
Nugent, Bernard	Drumheller	73	11- 7-18
Ostheidt, Gus	Cardiff	1	14-11-98
Oliphant, Joseph H.	Edmonton	59	17-12-10
Oliphant, John T.	Medicine Hat	153	1- 8-21
Ostler, James	Taber	160	1- 8-21
Phillips, Charles	Frank	20	26- 4-04
Pearson, W. G.	Blairmore	15	26- 4-04
Parsons, T. Lloyd	Edmonton	26	21- 3-08
Pickles, William	Edmonton	35	1- 2-09
Prentice, John	Blairmore	45	2-12-09
Park, Stewart G.	Lethbridge	57	17-12-10
Parker, Levi	Clover Bar	68	28- 4-10
Powell, Albert E.	Ardley	85	16- 1-12
Parry, Thomas	Coleman	109	12-11-12
Picton, Daniel	Aerial	118	10- 2-13
Penman, John S.	Rosenroll	120	29- 7-13
Pavier, Evan	Big Valley	37	30- 8-16
Puckett, Owen L.	Lovett	50	17- 7-17
Park, William	Bellevue	65	6- 7-18
Pembleton, George W.	Nova Scotia	97	3- 7-19
Peacock, Charles	Lethbridge	138	26- 7-20
Quigley, Daniel H.	Coalhurst	73	20-12-11
Queen, Andrew M.	Lethbridge	124	31- 7-13
Rice, Awrey	Coalspur	2	20-12-05
Roberts, D. E.	Coleman	14	10- 1-08
Rankin, George	Michel, B. C.	41	29-11-09
Roberts, E. I.	Coalspur (Deceased)	52	12- 3-10
Ramsey, Peter M.	Canmore	86	24- 2-12
Roberts, E.	Cardiff	87	2- 3-12
Richards, Samuel	Bellevue	98	5-11-12
Roberts, John	Cadomin	12	26-10-14
Russell, John	Ardley	29	12- 8-16
Robinson, William	Mountain Park	30	22- 8-16
Rawlinson, R.	Edmonton	32	22- 8-16
Richards, Evan	Balkan, P. O.	59	3- 7-18
Roberts, G.	Taber	79	23- 7-18
Roberts, D. O.	Wayne	86	2- 7-19
Reed, Edward	Drumheller	135	26- 7-20
Radford, James	Bellevue	140	26- 7-20
Redpath, James	Wayne	147	1- 8-21
Scott, Hugh	Lethbridge (Deceased)	7	9- 3-00
Steele, Thomas	Coleman	12	26- 4-04
Sequin, Joseph A.	Estevan	22	16- 4-04
Sparrow, Edwin	Tawatinaw	7	3- 1-07
Shone, Samuel	Coleman (Deceased)	23	23- 1-08
Shaw, William	Edmonton (Deceased)	21	18- 1-08
Scott, Andrew N.	Mountain Park	19	10- 1-08
Stewart, J. M.	Nordeg	50	24-12-09
Sihvon, William	Bellevue	40	29-11-09
Sloan, Thomas W.	Burmis	67	3- 3-11
Shaw, Thomas J.	Luscar	75	21-12-11
Strickland, Thomas	Edmonton	101	5-11-12
Schmidt, Otto P.	Camrose	115	25-11-12
Scott, Alexander	Pocahontas	103	7-11-12
Shanks, David	Nordeg	117	7-12-12

LIST OF NAMES OF HOLDERS OF SECOND CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Stephenson, Joseph	Bellevue	135	21- 7-13
Stephenson, Thomas	Bellevue	136	21- 7-13
Smith, Thomas E.	Montana, U. S. A.	39	14- 9-16
Simpson, William G.	Drumheller	45	10- 7-17
Stevenson, John	Lethbridge	47	10- 7-17
Sinclair, James	Drumheller	81	7- 8-18
Sandino, J. A.	Wayne	91	3- 7-19
Stratton, J. M.	Taber	94	3- 7-19
Saunt, James	Drumheller	123	26- 7-20
Steele, Francis M.	Calgary	125	26- 7-20
Scott, Frederick G.	Nordegg	128	26- 7-20
Scarpino, F.	Fernie, B. C.	121	26- 7-20
Thomas, David	Bankhead (Deceased)	28	8- 4-05
Teppo, Herman	Bellevue	15	10- 1-08
Thomas, John	Diamond City	30	8- 1-09
Thain, Harry S.	Lethbridge	32	12- 1-09
Thomas, Joseph D.	Nacmine	37	25-11-09
Taylor, Tom	Hillcrest (Deceased)	62	22-12-11
Taylor, George W.	Lethbridge (Deceased)	83	30-12-11
Thomas, John	Frank	89	25- 3-12
Tonge, Thomas	Bickerdike	90	1- 6-12
Thompson, Joseph	Coleman	97	1-11-12
Thomas, Isaac	Coleman	131	31- 7-13
Tennant, Robert	Hillcrest	58	3- 7-18
Tully, Thomas	Fernie, B. C.	75	12- 7-18
Turner, J. H.	Coalhurst	89	2- 7-19
Thompson, T.	Coleman	87	2- 7-19
Thomason, C.	Coleman	119	12-11-19
Taylor, C. M.	Edmonton	118	1-10-19
Turner, Leonard	Fernie, B. C.	132	26- 7-20
Thomson, Andrew R.	Drumheller	159	1- 8-22
Thomson, George H.	Lethbridge	163	9- 9-22
Unsworth, Robert	Garden Plain	36	30- 8-16
Utley, F. W.	Bellevue	108	17- 7-19
Williams, Thomas H.	Taber	8	20- 7-00
Waite, Archibald	Taber	10	26- 4-04
Wetherbee, Cory	Ardley	11	6-11-02
Wilson, William G.	Canmore	3	20-12-05
Whitelaw, Thomas	Lethbridge	25	24- 2-08
Watters, John	Bankhead	22	18- 1-08
Watkins, W. E.	Champion	20	18- 1-08
Watson, William	Drumheller	13	26-12-07
Wright, J. S.	Canmore (Deceased)	38	27-11-09
Winter, Archibald	Strathcona	63	16- 1-11
Watters, Alexander G.	Calgary	95	1-11-12
Welsh, James D.	Taber (Deceased)	113	20-11-12
Williams, John J.	Edmonton	11	18- 9-14
Worthington, Thomas	Lethbridge	69	9- 7-18
Williams, W. E.	Edmonton	96	3- 7-19
Watkins, J. M.	Taber	106	15- 7-19
Williams, Albert	Brule Mines	134	26- 7-20
Willetts, Frederick	Hillcrest	148	1- 8-21
Wilson, Robinson	Drumheller	151	1- 8-21
Williams, Arthur E.	Saunders	162	1- 8-21
Yard, George C.	Nordegg	150	1- 8-21

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES ISSUED
BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA TO
DECEMBER 31, 1923

Name	Address	Cert. No.	Date of Issue.
Anderson, J.	Frank	13	.....
Alderson, R. D.	Coleman	17	3- 1-07
Aspinall, Francis	Midlandvale	32	30- 5-07
Ashurst, W.	Coleman	82	26- 8-09
Adlam, William	Hillcrest	108	2- 6-10
Archer, Roland	Hillcrest	132	22-12-10
Allen, William C.	Wayne	205	10- 8-12
Archibald, David	Bickerdike	222	25-11-12
Allan, Alexander M.	Hosmer, B. C.	247	31- 7-13
Adams, Thomas H.	Beverly	16	10- 3-14
Anderson, Andrew	Bellevue	39	17- 6-14
Atherton, Edward	Sheerness	40	14- 7-14
Appleton, John T.	Mountain Park	76	19- 4-15
Ashton, William	Edmonton	90	27- 8-15
Anderson, Hugh W.	Edmonton	150	7- 7-17
Ashman, Alfred W.	Rosedale	151	7- 7-17
Armstrong, John	Nordegg	171	17- 7-17
Armstrong, Peter M.	Nordegg	224	8- 6-18
Arbuckle, John	Mountain Park	263	26- 6-19
Anderson, Peter B.	Mountain Park (Deceased)	264	26- 6-19
Allen, Edgar	Wayne	436	29- 8-21
Antrobus, Fred	Coleman	461	31- 7-22
Ambrossi, Antonio	Nordegg	478	1- 8-22
Astley, David	Wood River	483	1- 8-22
Bastian, T. W.	Bankhead	30	5-12-04
Bansemmer, R.	Bankhead	14	3- 1-07
Barber, J.	Frank	7	3- 1-07
Burrows, C.	Frank	40	18- 1-08
Brownrigg, J. H.	Frank (Deceased)	35	26-12-07
Brown, T.	Edmonton	24	14- 5-07
Blake, P.	Lundbreck	23	14- 5-07
Brovev, A. C.	Edmonton	64	1- 2-09
Boulton, W. E.	Drumheller	48	29- 5-08
Barnes, B. J.	Coal Creek, B. C.	92	29-11-09
Besso, A.	Canmore	80	26- 7-09
Brisco, Daniel	Luscar	117	9- 6-10
Blake, Henry	Bellevue	133	30-12-10
Bradley, Thomas	Hillcrest	138	16- 1-11
Barber, James S.	Hillcrest	144	3- 7-11
Bovio, Michael	Bellevue	146	3- 7-11
Brown, Alan J.	Cardiff	163	17-11-11
Berford, Edward	Elcan	196	16-12-12
Blakemore, Royden E.	Edmonton	227	16-12-12
Bainbridge, James	Nanaimo, B. C.	235	31- 7-13
Baird, John	Blairmore	243	31- 7-13
Beal, George F.	Bellevue	7	30-12-13
Brearley, Garnet	Lethbridge	18	16- 3-14
Barclay, William	Drumheller	22	13- 3-14
Brown, John F.	Edmonton	29	21- 4-14
Barclay, William G.	Drumheller	30	23- 4-14
Byers, John W.	Taber	48	25-11-14
Byron, John	Coalhurst	11	10- 3-14
Billington, Edward E.	Coleman	73	25- 2-15
Booth, George	Clover Bar	85	18- 8-15
Boldon, James	Bellevue	86	19- 8-15
Bell, William	Coleman	95	12-10-15
Brown, Robert	Bellevue	112	10- 7-16
Bateman, Fred	Sheerness	123	14- 7-16
Barnes, Edward	Mountain Park	137	25- 9-16
Badham, Thomas	Coleman	153	7- 7-17

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Beveridge, Andrew	Commerce	156	7- 7-17
Brown, David M.	Commerce	157	7- 7-17
Brooks, Burton T.	Drumheller	167	17- 7-17
Bartlett, Wallace	Elcan	173	17- 7-17
Bennett, Isaac	Armada	179	17- 7-17
Blair, John	Wayne	183	25- 7-17
Bobrovski, Martin	Drumheller	217	5- 6-18
Baird, William	Drumheller	218	5- 6-18
Brooks, Claude E.	Drumheller	220	8- 6-18
Blusson, Joseph T. C.	Champion (Deceased)	253	26- 6-19
Briggs, Alfred J.	Drumheller	254	26- 6-19
Brennan, John	Long Coulee	261	26- 6-19
Brown, Frank	Coal Creek, B. C.	262	26- 6-19
Birse, Alexander	Coalhurst	268	26- 6-19
Bateman, James	Lethbridge	279	26- 6-19
Bealle, Fred A.	Brule	285	26- 6-19
Ball, Alfred	Natal, B. C.	292	20-11-19
Briggs, Charles	Canmore	302	26- 7-20
Babino, Arthur	Bankhead	312	26- 7-20
Barclay, R. W.	Drumheller	313	26- 7-20
Beveridge, A.	Coleman	314	26- 7-20
Bainbridge, G. E.	Nordegg	343	26- 7-20
Bambrough, George	Hillcrest	345	26- 7-20
Burcey, A.	Calgary	352	26- 7-20
Bird, Richard	Nordegg	357	26- 7-20
Barrington, F. J.	Rosedale	362	26- 7-20
Baxter, Robert	Lochearn	374	17- 6-21
Brown, Thomas W.	Edmonton	377	1- 8-21
Battee, Noyes S.	Drumheller	381	1- 8-21
Blas, Emile	Bellevue	382	1- 8-21
Blake, Sylvanus R.	Wayne	384	1- 8-21
Barnes, Thomas	Blairmore	387	1- 8-21
Boyd, John	Wayne	390	1- 8-21
Barrie, James	Commerce	401	1- 8-21
Briggs, William A.	Drumheller	414	1- 8-21
Bedwell, Alfred E.	Lethbridge	415	1- 8-21
Brooks, John	Bellevue	428	1- 8-21
Brown, George A.	Michel, B. C.	432	29- 8-21
Burton, John T.	Edmonton	448	21- 7-22
Birt, William C.	Evansburg	452	31- 7-22
Barnes, Ernest	Coleman	453	31- 7-22
Baker, Robert W.	Coleman	456	31- 7-22
Bradley, Walter	Cardiff	490	1- 9-22
Brooks, George W.	Beverly	499	1-11-12
Brown, Austin L.	Edmonton	510	30- 5-23
Barnes, John W.	Coleman (Deceased)	512	30- 6-23
Boscariol, I.	Mountain Park	521	17- 8-23
Brewer, Thomas W.	Drumheller	529	17- 8-23
Bonner, Fred	Evansburg	542	1- 9-23
Barrowman, Alexander	Nordegg	548	15- 9-23
Burton, William H.	Entwistle	553	1-11-23
Brown, Clarence H.	Drumheller	554	15-11-23
Boutry, A.	Bellevue	557	4-12-23
Burnham, George	Fallis	560	18-12-23
Cawthorne, L.	Frank	46	18- 4-05
Churchill, J.	Frank	45	18- 4-05
Chestnut, C.	Blairmore (Duplicate)	28	6- 7-05
Cowan, W.	Bankhead	4	15-11-08
Cooke, J.	Bankhead	4	30- 5-06
Catchpole, C.	Three Hills	2	30- 5-06
Clark, J. C.	Blairmore (Deceased)	33	18- 7-07
Cole, J. J.	Bankhead	66	1- 2-09

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Clyne, J.	Edmonton	65	1- 2-09
Chestnut, C.	Blairmore	28	26- 4-04
Campbell, Kenneth S.	Beverly	102	27- 1-10
Clemenson, John	Bankhead	105	30- 5-10
Carson, James	Frank	120	21- 6-10
Crockett, Levi A.	Hillcrest	131	22-12-10
Coupland, George	Bellevue	148	4- 7-11
Carson, George	Frank	154	8- 7-11
Crawford, George	Frank	160	17-11-11
Combs, Walter P.	Taber	164	17-11-11
Coupland, Edward	Cadomin	173	17-11-11
Charlton, Samuel	Hillcrest (Deceased)	179	23-11-11
Cox, John	Coleman	193	13- 7-12
Crawford, John	Nordegg	197	13- 7-12
Coutts, George	Lethbridge	210	26-10-12
Clark, Robert	Lethbridge	212	31-10-12
Cranston, Michael	Camrose	218	11-11-12
Crawford, William	Lethbridge	8	6- 3-14
Coutts, David	Hardieville	23	30- 3-14
Crabb, Samuel A. B.	Lethbridge	38	28- 5-14
Chaplow, Joseph	Lethbridge	49	25-11-14
Clarke, Robert G.	Drumheller	70	16- 2-15
Campbell, John H.	Canmore	71	16- 2-15
Callander, Ira C.	Virginia, U.S.A. (Deceased)	78	19- 8-15
Coxon, Thomas	Drumheller	89	27- 8-15
Convery, Dennis	Coleman	107	10- 7-16
Cooper, John A.	Lethbridge	166	10- 7-17
Coutts, Anthony B.	Hardieville	178	17- 7-17
Campbell, Henry	Bellevue	188	13- 8-17
Collins, Sidney G.	Edmonton	219	5- 6-18
Chapman, Christopher	Drumheller	232	12- 6-18
Campbell, George P.	Nordegg	229	8- 6-18
Chambers, Ralph H.	Lovettville	246	25- 6-19
Campbell, Thomas	Lovettville	247	26- 6-19
Conley, Leroy L.	Saunders	260	26- 6-19
Chalmers, James	Edmonton	278	26- 6-19
Carr, Thomas	Brule Mines	283	26- 6-19
Clark, John	Bankhead	301	26- 7-20
Congalton, Clem S.	Nordegg	315	27- 7-20
Cameron, Donald	Coalspur	331	26- 7-20
Cotterill, John	Rosedale	346	26- 7-20
Crawford, George	Bellevue	365	26- 7-20
Candlish, W. S.	Brule Mines	366	26- 7-20
Causey, Thomas	Taber	403	1- 8-21
Craig, James M. S.	Nordegg	413	1- 8-21
Clelland, William	Lethbridge	421	1- 8-21
Curry, John	Passburg	439	3-11-21
Chalmers, Robert	Edmonton	454	31- 7-22
Cowan, James	High River	459	31- 7-22
Congdon, Milton H.	Blairmore	476	1- 8-22
China, John	Nordegg	480	1- 8-22
Cardle, James	Bellevue	481	1- 8-22
Clarke, Richard	Hillcrest	500	1-11-22
Davies, T.	Frank	49	18- 4-05
Duggan, R. G.	Taber	27	26- 4-04
Downs, T.	Canmore	24	25-11-03
Davies, W. J.	Canmore (Deceased)	16	25-11-03
Dickson, S.	Commerce	18	3- 1-07
Devonshire, G.	Canmore	31	23- 5-07
Duggan, E. J.	Taber	41	18- 1-08
Davies, T. O.	Hillcrest	109	2- 6-10
Davidson, David	Coleman	170	17-11-11

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Doodson, Robert	Coal Creek, B. C.	177	17-11-11
Duthie, Alexander F.	Pocahontas	184	28-11-11
Digman, John H.	Royal View	198	13- 7-12
Duncan, Ninian S.	Nacmine	211	31-10-12
Draper, Robert	Hillcrest	214	1-11-12
Dennis, Frederick W.	England	3	28-11-13
D'Altroy, Arthur C.	Drumheller	6	1-12-13
Dean, William	Bankhead	20	20- 3-14
Duggan, John	Wayne	97	12-10-15
Douglas, D. B.	Edmonton	129	26- 7-16
Davis, William	Mountain Park	192	7-11-17
Dunnigan, Edward	Evansburg	216	1- 6-18
Dawes, Edmund	Drumheller	222	8- 6-18
Davies, J.	Coleman	265	26- 6-19
Dupen, Thomas	Edmonton	275	26- 6-19
Dunlop, Hugh	Coleman	321	26- 7-20
Dunn, W. P.	Evansburg	347	26- 7-20
Dryburgh, W. W.	Nordegg	356	26- 7-20
Dieter, Walter J.	Sheerness	397	1- 8-21
Davey, George	Michel, B. C.	418	1- 8-21
Dunn, Samuel	Taber	441	15-12-21
Deere, Gladstone E.	Blackstone	449	21- 7-22
D'Amico, George	Nordegg	486	1- 8-22
Davies, John C. H.	Coalmont, B. C.	492	1- 9-22
Dudley, John T.	Hillcrest	493	1- 9-22
Davidson, Albert M.	Evansburg	517	17- 8-23
Desson, Horace E.	Rosedale	526	17- 8-23
Eccleston, W.	Michel, B. C.	20	3- 1-07
Evans, H.	Taber	94	2-12-09
Evans, D.	Frank	83	3- 9-09
Evans, Hugh	Lethbridge	156	12- 7-11
Embree, Merton B.	Evansburg	239	31- 7-13
Evans, Nathaniel	Passburg	54	27-11-14
Evans, Llewellyn	Coleman	152	7- 7-17
Excoffon, Eugene	Bellevue	155	7- 7-17
Eno, John W.	Drumheller	223	8- 6-18
Eccleston, Richard	Bellevue	243	26- 6-19
Evans, Thomas O.	Blairmore	244	26- 6-19
Evans, Gwilym	Blairmore	308	26- 7-20
Evans, Charles	Hillcrest	327	26- 7-20
Eccleston, J. W.	Mountain Park	330	26- 7-20
Evans, William	Drumheller	360	26- 7-20
Evans, Thos. L.	Calgary	367	1-11-20
Evans, James D.	Drumheller	383	1- 8-21
Entwistle, Albert V.	Kipp	471	31- 7-22
Eccleston, Thomas	Mountain Park	475	31- 7-22
Eckert, William	Sedalia	539	17- 8-23
Fairhurst, H.	Lethbridge	39	23-12-04
Ferguson, C. J.	Beverly	4	20-12-05
Fraser, J.	Coleman	8	3- 1-07
Fox, A.	Carbon	55	8- 1-09
Fowers, C. W.	Canmore	50	29- 5-08
Fiske, G. E.	Edmonton	88	27-11-09
Fisher, Samuel	Passburg	169	17-11-11
Ford, Allen	Burmis	183	28-11-11
Foster, William	Wayne	31	28- 4-14
Ferguson, John	Commerce	34	23- 5-14
Fyfe, Walter H.	Wayne	79	19- 8-15
Fishwick, Thomas	Mountain Park	98	12-10-15
Foster, James	Lethbridge	174	17- 7-17
Fisher, William J.	Bellevue	186	13- 7-17
Fisher, Ernest	Bellevue	256	26- 6-19

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Fraser, Alec.....	Carmangay	274	26- 6-19
Fraser, James	Carbon	286	25- 8-19
France, Harry	Nordegg	288	8-10-19
Flynn, Thomas E.	Coleman	306	26- 7-20
Ford, George C.	Drumheller	310	26- 7-20
Fudge, George H.	Cardiff	311	26- 7-20
Fisher, Harry	Hillcrest	338	26- 7-20
Fourneau, Jean F.	Bellevue	396	1- 8-21
Ferryman, Henry	Corbin, B. C.	447	16- 6-22
Foster, Richard	Edmonton	502	29-12-22
Fleming, Nelson	Coleman	550	1-11-23
Giffen, H. R.	Carbon	19	26- 4-04
Gates, H.	Coleman	26	26- 4-04
Griffiths, E. H.	Canmore	33	5-12-04
Gladwin, J.	Edmonton	97	20-12-09
Griffiths, T. J.	Lille	77	18- 6-09
Gillespie, John M.	Coleman	111	2- 6-10
Gilliland, William	Cardiff	123	8-11-10
Gwilliam, David J. M.	Brule	130	22-12-10
Gregory, John B.	Passburg	128	17-12-10
Garrett, John	Lille	147	4- 7-11
Griffiths, John T.	Lille	168	17-11-11
Garbett, Richard	Michel, B. C.	180	23-11-11
Gorton, James	Hillcrest	203	22- 7-12
Green, Henry V.	Halkirk	1	1-11-13
Grant, Robert H.	Camrose	2	23-10-13
Grant, Robert	Lethbridge	10	10- 3-14
Goldie, William	Lethbridge	24	1- 4-14
Graham, Robert	Clover Bar	50	27-11-14
Gilday, Michael E.	Drumheller	63	11-12-14
Gillespie, John C.	Drumheller	132	3- 8-16
Greenhalgh, Richard M.	Coleman	154	7- 7-17
Givens, John	Drumheller	158	10- 7-17
Goodrick, William L.	Commerce	168	17- 7-17
Goodwin, Andrew	Bellevue	187	13- 8-17
Gamme, John S.	Drumheller	226	8- 6-18
Grant, Donald A.	Hillcrest	242	26- 6-19
Gordon, Thomas	Clover Bar	248	26- 6-19
Green, Henry V.	Halkirk	291	15-11-19
Goodwin, G. W.	Bellevue	320	26- 7-20
Gidman, J. H.	Taber	348	26- 7-20
Gibson, Henry	Edmonton	349	26- 7-20
Gilmour, Pete	Midlandvale	363	26- 7-20
Gibson, William	Edmonton	370	26- 7-20
Goodwin, Watts	Bellevue	408	1- 8-21
Galbraith, A. G.	Coalhurst	460	31- 7-22
Gregory, William W.	Mountain Park	496	6- 9-22
Gavelin, Fred	Blairmore	519	7- 8-23
Holmes, G. E.	Fernie, B. C.	15	1903
Hood, Andrew	Frank	20	26- 4-04
Hadfield, John	Canmore	23	21- 6-03
Harrison, Thomas	Cadomin	29	11- 7-04
Haines, Thomas	Coleman	37	23-12-04
Harvie, Robert	Lethbridge	40	23-12-04
Hallworth, Albert	Bellevue	52	12- 6-08
Hayes, Robert	Lundbreck	60	22- 1-09
Harvie, John	Taber	68	1- 2-09
Henderson, W.	Minott	61	26- 1-09
Higgins, Alfred	Bankhead	25	15- 5-07
Hannen, James	Canmore	1	30- 5-06
Holden, James	Drumheller	13	3- 1-07
Humble, Stephen T.	Bellevue	29	23- 5-07

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Hamilton, Charles	Edmonton	36	10- 1-08
Hilling, James	Coleman	43	23- 1-08
Hutton, Isaac	Bellevue	99	27-12-09
Hartley, William	Bankhead	110	2- 6-10
Hill, James	Canmore	114	3- 6-10
Hulme, Charles	Aerial	124	17-12-10
Henderson, James	Reid Hill	134	30-12-10
Hutton, John	Bellevue	135	30-12-10
Henderson, Samuel	Reid Hill	136	30-12-10
Halliday, George	Nanaimo, B. C.	155	8- 7-11
Hughes, William R.	Elcan	181	23-11-11
Hutton, George	Bellevue	186	2-12-11
Hutchinson, Peter	Frank	202	22- 7-12
Heap, Robert	Lundbreck	206	10- 8-12
Hunter, Alexander B.	Commerce	207	19- 8-12
Harries, Henry C.	Coleman	209	26-10-12
Hutton, David T.	Bellevue	241	31- 7-13
Heathcote, Joseph	Edmonton	32	28- 4-14
Harmison, William	Mountain Park	41	27- 8-14
Hynd, William	Elcan	52	26-11-14
Hutton, Hugh	Bellevue	60	5-12-14
Hargreaves, George	Lethbridge	65	11-12-14
Hopkins, William	Coleman	93	1- 9-15
Huddart, Matthew	Bellevue	102	18-11-15
Hamilton, John	Lethbridge	120	10- 7-16
Howells, John	Elcan	126	19- 7-16
Hyde, Isaac	Cadomin	134	15- 9-16
Holmes, Robert	Coleman	141	11-11-16
Hunter, John T.	Garden Plain	148	7- 7-17
Holland, Thomas	Lethbridge	161	10- 7-17
Hastings, Andrew P.	Lethbridge	176	10- 7-17
Hodgkinson, John A.	Mountain Park	205	1- 6-18
Hudyma, John	Pocahontas	207	1- 6-18
Head, James	Taber	209	1- 6-18
Hooks, John W.	Drumheller	210	1- 6-18
Hedges, Richard	Beverly	239	29- 8-18
Higney, John	Coalhurst	245	26- 6-19
Hillary, John	Rosedale (Deceased)	258	26- 6-19
Hopkins, John T.	Coleman	259	26- 6-19
Hunter, James	Edmonton	276	26- 6-19
Huff, L. E.	Lethbridge	325	26- 7-20
Hutchison, J. J.	Lovettville	332	26- 7-20
Hawkins, E. L.	Nordegg	339	26- 7-20
Hillary, Joseph	Drumheller	391	1- 8-21
Hamilton, Thomas M.	Blairmore	393	1- 8-21
Hall, James	Nordegg	402	1- 8-21
Hutchinson, George E.	Brookdale	404	1- 8-21
Hetherington, R., Jr.	Wayne	420	1- 8-21
Hogg, Charles M.	Lethbridge	424	1- 8-21
Hamilton, Joseph J.	Lethbridge	434	29- 8-21
Hall, Ernest	Wayne	438	10-10-21
Horner, Charles	Edmonton	440	16-12-21
Hopkins, William H.	Drumheller	451	31- 7-22
Hooten, Robert	Edmonton	505	15- 2-23
Hughes, Harry	Natal, B. C.	506	9- 3-23
Harris, Rupert S.	Edmonton	513	17- 8-23
Hawkins, Harold	Drumheller	541	1- 9-23
Ironmonger, John	Hillcrest	145	3- 7-11
Ironmonger, William	Hillcrest	487	1- 8-22
Jones, Evan	Coalfields	12	26- 4-04
Jones, Joseph	Frank	25	26- 4-04
Jones, Samuel A.	Nanaimo, B. C.	17	26- 4-04

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Jones, Erskine	Coalfields	47	18- 4-05
James, Henry	Coleman	53	14- 7-08
Jones, David	Edmonton	69	1- 2-09
Jones, Jack	Cardiff	127	17-12-10
Jones, Peter	Lethbridge	195	13- 7-12
Jordan, William	Drumheller	220	20-11-12
Joyce, Michael	Blairmore	224	25-11-12
James, William	Pocahontas (Deceased)	234	31- 7-13
Jackson, John	Bellevue	246	31- 7-13
James, John	Pocahontas	28	21- 4-14
Jones, David	Commerce	55	27-11-14
Johnson, Albert	Coleman	88	26- 8-15
Jones, Daniel G.	Lovettville	99	10-12-15
Jones, Evan J.	Calgary	144	3- 7-17
Jinks, William E.	England	180	25- 7-17
Jones, John H.	Taber	214	1- 6-18
James, Isaac A.	Coleman	252	26- 6-19
Jones, Richard	Nordegg	289	8-10-19
Johnstone, Alexander	Clover Bar	329	26- 7-20
James, Thomas	Saunders	340	26- 7-20
Jones, Griffith	Edmonton	375	17- 6-21
Jordon, Benjamin	Calgary	463	31- 7-22
Jones, Edward B.	Hillcrest	469	31- 7-22
Jones, Daniel	Dinant	474	31- 7-22
Jones, Richard M.	Wayne	491	1- 9-22
Jackson, Thomas	Coleman	495	1- 9-22
Jones, Arthur	Coleman	547	15- 8-23
Johnson, Chris.	Carbon	561	28-12-23
Kerr, William R.	Nordegg	89	29-11-09
Kirkeberg, Henry S.	Michel (Deceased)	87	27-11-09
Kerr, Robert T.	Passburg	75	17- 6-09
Kerr, Robert	Lundbreck	76	17- 6-09
Kaye, Herschel	Maycroft	191	4- 1-12
Kemp, David	Beaver Mines	201	22- 7-12
Keynon, William	Mountain Park	44	28- 9-14
Knox, Joseph	Hardieville	119	10- 7-16
Kelly, Patrick	Edmonton	147	7- 7-17
Kerrison, Thomas W.	Eyremore	163	10- 7-17
Koentges, John	Blairmore	182	25- 7-17
Kyle, Daniel C.	Hillcrest	185	25- 7-17
Klejko, Stephen	Coleman	213	1- 6-18
King, John J.	Nordegg	221	8- 6-18
Kirkham, Thomas	Sheerness	284	26- 6-19
Kehl, Isadore	Big Valley	359	26- 7-20
Krause, Herman F.	Lethbridge	407	1- 8-21
Kay, Arthur	Coleman	501	1-11-22
Klatt, Rudolph E.	Evansburg	544	1- 9-23
Livingstone, Robert	Lethbridge	7	21-11-98
Livingstone, James C.	Lethbridge	18	26- 4-04
Learmonth, A. J.	Lundbreck	42	23- 1-08
Love, William	Edmonton	86	27-11-09
Lamont, David	Cadomin	98	24-12-09
Letcher, John J.	Hillcrest	149	4- 7-11
Leblanc, Emile	Taber	153	8- 7-11
Littler, Robert	Michel, B. C.	166	17-11-11
Loxton, George	Fernie, B. C.	176	17-11-11
Littler, John	Michel, B. C.	190	30-12-11
Littler, Matthew	Michel, B. C.	226	7-12-12
Laight, Jonas	Medicine Hat	233	3- 5-13
Ludbrook, Ellis E.	Bickerdike (Deceased)	237	31- 7-13
Lynch, Stewart	Canmore	26	15- 4-14
Loxton, John	Fernie, B. C.	51	27-11-14

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Letcher, Joseph H.	Lovettville	100	12-10-15
Lamond, David	Evansburg	109	10- 7-16
Loftus, Edward	Drumheller	111	10- 7-16
Lewis, Thomas	Hardieville	131	26- 7-16
Longworth, Thomas	Lethbridge	146	5- 7-17
Logan, John T.	Drumheller	190	6- 9-17
Lohmaier, Peter	Sheerness	238	15- 7-18
Lee, Walter J.	Nordegg	269	26- 6-19
Lindsay, John	Coalhurst	272	26- 6-19
Lindsay, James	Coalhurst	273	26- 6-19
Lawrence, John	Drumheller	294	1-12-19
Lewis, Hanbury	Calgary	364	1-11-20
Leonard, Philip	Nordegg	479	1- 8-22
Iytkowski, William P.	Canmore	503	30-12-22
Lecuyer, Glenn	Midlandvale	562	31-12-23
Musgrove, William	Canmore	9	23- 8-00
Mattson, Matt.	Frank	34	5-12-04
Morris, David	Edmonton (Deceased)	45	24- 2-08
Machin, J. C.	Strathcona	46	26- 2-08
Moore, Thomas E.	Drumheller	56	11- 1-09
Mather, Thos.	Edmonton	96	8-12-09
Morgan, Owen	Blairmore	143	3- 7-11
Munro, William K.	Lille	150	4- 7-11
Muir, David	Edmonton	151	8- 7-11
Miller, Walter	Beverly	159	25- 8-11
Moore, James H.	Coleman	167	17-11-11
Massey, Harry	Michel, B. C.	172	17-11-11
Murray, John	Lille	174	17-11-11
Mason, Samuel	Taber	187	6-12-11
Morrison, Malcolm	Nacmine	189	30-12-11
Melling, Peter	Evansburg	208	26-10-12
Mackie, John	Hillcrest	221	25-11-12
Makin, John W.	Coleman	240	31- 7-13
Muir, Alexander	Hardieville	12	10- 3-14
Miller, Joseph	Stafford Village	14	10- 3-14
Muir, Robert	Bankhead	21	23- 3-14
Murray, David	Hillcrest	35	26- 5-14
Mather, John	Beverly	45	26-10-14
Muir, James	Bankhead	57	5-12-14
Marsh, Ernest	Taber	61	5-12-14
Morgan, William J.	Canmore	64	11-12-14
Martin, William H.	Brule Mines	69	28- 1-15
Marsh, John H.	Lethbridge	75	20- 3-15
Mallabone, Ernest	Canmore	105	7- 7-16
Miller, David L.	Taber	114	10- 7-16
Millar, Peter P.	Drumheller	127	26- 7-16
Martin, Richard	Taber (Deceased)	135	25- 9-16
Maddison, William	Mountain Park	136	25- 9-16
Mitchell, John	Evansburg	143	27- 2-17
Morgan, Robert M.	Coleman	160	10- 7-17
Morse, Alfred T.	Hanna	172	17- 7-17
Michayluck, John G.	Brule Mines	184	25- 7-17
Marsh, William	Drumheller	230	7- 6-18
Mathewson, James	Nevis	236	22- 6-18
Mossey, Thomas M.	Lethbridge	237	5- 7-18
Miller, James	Aerial	266	26- 6-19
Miller, John R.	Aerial	293	20-11-19
Monkton, William	Rosedale	322	26- 7-20
Miller, Jr., Joseph	Lethbridge	326	26- 7-20
Milnes, John	Bellevue	334	26- 7-20
Melling, Joseph	Evansburg	335	26- 7-20
Maddison, John	Hillcrest	354	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Melvin, J. L.	Lethbridge	371	28-12-20
Meyers, August	Drumheller	406	1- 8-21
Minue, Graydon B.	Nordegg	410	1- 8-21
Mitchell, Archie	Coalspur	412	1- 8-21
Metcalf, Joseph W.	Coalhurst	498	1-11-22
Mossey, Robert	Frank	507	17- 5-23
Macri, D.	Brule Mines	518	17- 8-23
Martin, David	Blairmore	527	17- 8-23
Miller, William	Drumheller	535	17- 8-23
Marsh, Walter	Kellogg, Idaho	538	17- 8-23
Martin, Henry, Sr.	Saunders West	549	15- 9-23
McKay, John J.	Lethbridge	5	19-11-98
McKinnon, H. G.	Canmore	36	5-12-04
McGregor, Alex	Foothills	41	16- 1-05
McCulloch, Alex.	Cadomin	43	18- 4-05
McDonald, J. A.	Blairmore	44	18- 4-05
McVey, William	Frank	39	10- 1-08
McLeary, Stewart	Lethbridge	58	12- 1-09
McMillan, William D.	Coleman	72	25- 2-09
McKinnon, A. J.	Canmore	62	29- 1-09
McLenhan, John A.	Dinant	51	8- 6-08
McGarry, Martin	Michel, B. C.	59	19- 1-09
McDonald, James A.	Lille	91	29-11-09
McMillan, Donald	Coleman	107	31- 5-10
McDonald, Duncan	Drumheller	112	2- 6-10
McDonald, Hector	Bellevue	115	3- 6-10
McDonald, William C.	Lethbridge	122	16- 7-12
McDevitt, James J.	Tofield	129	22-12-10
McGladrie, John	Lille	152	8- 7-11
McMullin, Joseph	Hillcrest	171	17-11-11
McGough, Joseph P.	Bellevue	219	18-11-12
McDonald, James O. C.	Coleman	225	25-11-12
McDonald, Noble M.	Bellevue	5	28-11-13
McGowan, James K.	Lethbridge	13	10- 3-14
McLeod, John A.	Evansburg	74	8- 3-15
McLellan, John A.	Cadomin	77	8- 5-15
McIlveen, William	Lovettville	80	19- 8-15
McAndrew, Robert	Clover Bar	81	19- 8-15
McAndrew, John	Blairmore	83	19- 8-15
McKean, George J.	Bellevue	121	10- 7-16
McLean, William	Mountain Park	122	10- 7-16
McQueen, Andrew	Nordegg	124	19- 7-16
McMillan, Daniel	Drumheller	149	7- 7-17
McDonald, John H.	Edmonton	164	10- 7-17
McKinnon, John L.	Coleman	189	4- 9-17
McDonald, George	Drumheller	212	1- 6-18
MacKay, William J. K.	Coalspur	240	28- 1-19
McDicken, James	Coleman	251	26- 6-19
McFegan, Robert	Michel, B. C.	255	26- 6-19
MacPherson, John M.	Coalhurst	257	26- 6-19
McQueen, George	Nordegg	270	26- 6-19
McDade, John	Drumheller	290	8-11-19
McGowan, William	Lethbridge	317	26- 7-20
McKinnie, John	Drumheller	369	26- 7-20
McKenna, Harry	Pocahontas	376	17- 6-21
McAskill, Alexander	Drumheller	380	1- 8-21
McGaw, A. M. S.	Carmangay	398	1- 8-21
McGregor, Thomas B.	Lethbridge	417	1- 8-21
McNab, Murdoch	Coalhurst	419	1- 8-21
McLeod, Gordon J.	Mountain Park	422	1- 8-21
MacDonald, William	Drumheller	431	29- 8-21
McCubrey, James	Drumheller	458	31- 7-22

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
McGuire, George	Dinant	466	31- 7-22
McGuire, James S.	Dinant	467	31- 7-22
MacLeod, Roderick	Coleman	470	31- 7-22
McEachren, Malcolm	Wayne	531	17- 8-23
McLenna, George A.	Drumheller	534	17- 8-23
MacNeil, James	Cadomin	537	17- 8-23
McLeod, Allan	Rosedale	543	1- 9-23
McLafferty, P.	Bellevue	551	1-11-23
Nelson, Horatio	Lundbreck	11	3- 1-07
Nanson, Thomas H.	Bellevue	15	3- 1-07
Nicol, James	Midlandvale	34	26-12-07
Nicol, George	Cadomin	27	21- 4-14
Nugent, Bernard	Drumheller	133	30- 8-16
Nelson, Walter W.	Coleman	462	31- 7-22
Nicholson, Peter	Cadomin	472	31- 7-22
Oliphant, J. H.	Edmonton	26	17- 5-07
Oliphant, John	Medicine Hat	79	16- 7-09
O'Donnell, Thomas	Rosedale	139	17- 3-11
Ottewell, William J.	Clover Bar	245	31- 7-13
Oakes, Robert	Bankhead	104	10- 6-16
Oakley, John	Mountain Park	115	10- 7-16
Oliver, B.	Magrath	342	26- 7-20
Owen, Thomas	Michel, B. C.	442	10- 3-22
Ostler, James	Taber	445	22- 5-22
Phillips, Charles	Frank (Deceased)	14	30-12-02
Prentice, John	Lille	67	1- 2-09
Powell, Albert E.	Ardley	71	4- 2-09
Picton, William	Frank	78	8- 7-09
Pounder, George	Pincher Creek	84	22- 9-09
Parker, Levi	Clover Bar	100	18- 1-10
Pickering, Gabe	Taber	104	25- 2-10
Parry, Thomas	Hillcrest	119	21- 6-10
Park, Stewart G.	Lethbridge	121	25- 6-10
Patterson, John	Hillcrest	126	17-12-10
Picton, Daniel	Aerial	178	23-11-11
Park, William	Lethbridge	194	13- 7-12
Parkes, John T.	Lethbridge	236	31- 7-13
Park, Alex. C.	Lethbridge	25	8- 4-14
Porteous, Alexander	Hillcrest	36	26- 5-14
Purdy, Stearns J.	Bellevue	37	28- 5-14
Parker, Joseph	Drumheller	47	25-11-14
Puckett, Owen L.	Lovettville	53	27-11-14
Pavier, Evan	Big Valley	91	27- 8-15
Price, Alfred	Edmonton	103	4- 1-16
Pitt, Arthur J.	Coleman	108	10- 7-16
Phillips, David	Commerce	110	10- 7-16
Price, John	Mountain Park	116	10- 7-16
Pratt, Philip	Lovettville	117	10- 7-16
Paterson, Patrick	Evansburg	139	3-10-16
Radgett, Albert	Bellevue	177	17- 7-17
Poole, Alexander	Drumheller	241	16- 5-19
Prescott, William	Hillcrest	249	26- 6-19
Painter, J. A.	Mountain Park	361	26- 7-20
Parkinson, Harry	Coleman	465	31- 7-22
Pearson, Francis	Hillcrest	468	31- 7-22
Phipps, Mathew J.	Mountain Park	494	1- 9-22
Price, John	Mountain Park	497	1-11-22
Patterson, William	Blairmore	515	17- 8-23
Parry, Robert	Coleman	546	15- 9-23
Poxon, Wilfred	Carbon	555	15-11-23
Quigley, Daniel H.	Coalhurst	157	14- 7-11
Queen, Andrew M.	Lethbridge	228	26-12-12

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Rice, Awrey	Coalspur	48	18- 4-04
Rawson, Thomas S.	Frank	1	20-12-05
Rose, Walter	Lundbreck	54	25- 8-08
Roberts, William	Strathcona	95	3-12-09
Robinson, John H.	Hillcrest	106	31- 5-10
Rowbotham, William H.	Edmonton	116	6- 6-10
Roberts, E.	Cardiff	118	20- 6-10
Richardson, Alfred	Lethbridge	125	17-12-10
Richards, George	Coleman	137	31-12-10
Roberts, John	Cadomin	140	6- 4-11
Reid, James	Canmore	158	24- 7-11
Richards, Evan	Balkan	162	17-11-11
Richards, Samuel	Bellevue	175	17-11-11
Rawlinson, Rowland	Burmis	182	28-11-11
Rayner, Frederick	Frank	188	8-12-11
Radford, James	Bellevue	200	22- 7-12
Rae, John	Coleman	242	31- 7-13
Rankin, William	Hosmer, B. C.	4	28-11-13
Rebar, Mike	Hardieville	19	18- 3-14
Rees, Daniel	Bellevue	56	27-11-14
Russell, Arthur	Standard	59	4-12-14
Russell, John	Ardley	67	20- 1-15
Rees, Gomer	Beverly	96	12-10-15
Robinson, Edward	Drumheller	101	20-10-15
Roberts, David O.	Wayne	106	7- 7-16
Roberts, David C.	Coleman	113	10- 7-16
Randall, David	Coleman	191	10-10-17
Reid, Edward	Drumheller	206	1- 6-18
Redpath, James	Wayne	208	1- 6-18
Reid, Samuel	Brule Mines	211	1- 6-18
Richards, Edward	Drumheller	271	26- 6-19
Rollingson, John	Lethbridge	280	26- 6-19
Ruscoe, Richard	Halkirk	282	26- 6-19
Roberts, Evan	Wayne	318	26- 7-20
Royle, Edward	Hillcrest	323	26- 7-20
Robertson, W. J.	Coalhurst	333	26- 7-20
Rappel, Thomas	Rosedale	337	26- 7-20
Rappel, A. J.	Calgary	355	26- 7-20
Richards, John C.	Coleman	386	1- 8-21
Richards, Thomas	Wayne	392	1- 8-21
Rees, William H.	Lethbridge	435	29- 8-21
Rowley, Arthur	Calgary	455	31- 7-22
Ridgeway, Leonard J.	Coalhurst	457	31- 7-22
Roberts, Robert	Wayne	464	31- 7-22
Richards, Harold	Hillcrest	484	1- 8-22
Roberts, Lemuel	Wayne	488	1- 8-22
Richards, M. C. Russell	Edmonton	509	17- 5-23
Scott, Robert	Lethbridge	6	19-10-98
Scott, Hugh	Lethbridge (Deceased)	8	5- 6-99
Sedlock, Joseph	Canmore	22	25- 6-03
Smith, Robert	Canmore	32	5-12-04
Smith, Hugh	Bellevue	35	5-12-04
Stott, John	Lethbridge	38	23-12-04
Spencer, W. J.	Bankhead	51	6- 7-05
Salmond, James M.	Bankhead	6	20-12-05
Sparrow, Edwin	Tawatinaw	2	20-12-05
Smith, Ralph	Canmore	3	30- 5-06
Singleton, Robert	Lundbreck	47	29- 5-08
Schmidt, O. P.	Edmonton	44	1- 2-08
Sihvon, William	Bellevue	27	17- 5-07
Scott, Andrew N.	Mountain Park	28	23- 5-07
Smith, A. J. P.	Bellevue	103	21- 2-10

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Shaw, Thomas J.	Luscar	113	3- 6-10
Scott, Alexander	Pocahontas	185	28-11-11
Sherratt, Owen, Sr.	Coleman	199	13- 7-12
Smith, Thomas	Hillcrest	216	1-11-12
Stobbs, Joseph	Diamond City	217	5-11-12
Shaw, Eli	Canmore	229	30- 4-13
Stephenson, Thomas	Bellevue	230	7- 4-13
Stott, John	Lethbridge	231	7- 4-13
Stephenson, Joseph	Commerce	232	30- 4-13
Sandino, Joe	Wayne	238	31- 7-13
Steele, John W.	Lethbridge	17	16- 3-14
Severns, Mathew	Strathcona	42	8- 9-14
Spencer, Murray A.	Brule Mines	43	18- 9-14
Snarey, George	Beynon	62	5-12-14
Sinclair, James	Drumheller	68	22- 1-15
Smith, John	Blairmore	94	1- 9-15
Smith, T. Edwin	Montana	130	26- 7-16
Strickland, William	Evansburg	145	5- 7-17
Stratton, James M.	Taber	181	25- 7-17
Steen, Herman	Hanna	277	26- 6-19
Scott, Frederick G.	Nordegg	287	2- 9-19
Sippell, Joseph	Drumheller. (Deceased)	295	1-12-19
Stewart, James	Lethbridge	305	26- 7-20
Smith, Thomas	Coleman	307	26- 7-20
Saunt, James	Drumheller	309	26- 7-20
Steele, Francis M.	Calgary	319	26- 7-20
Stratton, A. T.	Medicine Hat	351	26- 7-20
Serrie, John	Taber	353	26- 7-20
Sutherland, Edward S.	Beverly	395	1- 8-21
Scott, Robert	Mountain Park	399	1- 8-21
Shaw, William G.	Nordegg	409	1- 8-21
Shaw, Joseph H.	Nordegg	416	1- 8-21
Shaw, John H.	Nordegg	426	1- 8-21
Stene, David	Edmonton	430	29- 8-21
Strachan, John	Fernie, B. C.	437	29- 8-21
Sneddon, Thomas	Taber	444	3- 4-22
Shepperd, George	Wayne	477	1- 8-22
Speager, Pete A.	Calgary	489	1- 9-22
Smith, Andrew A.	Drumheller	522	17- 8-23
Shevels, John	Bellevue	523	17- 8-23
Smith, Sydney L.	Drumheller	552	1-11-23
Studholm, John H.	Dinant	559	18-12-23
Taylor, William	Lethbridge	10	16- 4-01
Turner, Samuel H.	Frank	21	25- 6-03
Thomas, David	Bankhead (Deceased)	31	5-12-04
Teppo, Herman	Bellevue (Deceased)	19	3- 1-07
Thompson, Thomas	Lundbreck	16	3- 1-07
Tonge, Thomas	Lundbreck	5	30- 5-06
Taylor, Thomas	Lundbreck (Deceased)	30	23- 5-07
Thomas, John J.	Frank	74	21- 4-09
Thompson, Thomas	Coleman	93	29-11-09
Thomas, Joseph D.	Nacmine	81	25- 8-09
Thomson, Thomas W.	Bankhead	161	17-11-11
Thompson, Joseph	Coleman	165	17-11-11
Thomas, Isaac	Coleman	204	27- 7-12
Tully, Thomas	Fernie, B. C.	215	1-11-12
Turner, William	Hillcrest	244	31- 7-13
Thomas, John B.	Edmonton	46	19-11-14
Thomson, Roger A.	Lovett	66	22-12-14
Thomson, David	Lovett	82	19- 3-15
Tennant, Robert	Lethbridge	84	19- 8-15
Troman, Samuel	Lethbridge	87	26- 7-15

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue
Turner, Leonard	Fernie, B. C.	125	19- 7-16
Thom, George	Edmonton	142	12-12-16
Tennant, John	Lethbridge	165	10- 7-17
Terris, Andrew	Nordeg	170	17- 7-17
Tennant, William G.	Lethbridge	228	8- 6-18
Tisdale, James R.	Saunders	231	8- 6-18
Thomason, Charles	Michel, B. C.	234	14- 6-18
Talbot, William	Drumheller	235	22- 6-18
Thomson, James	Beverly	425	1- 8-21
Terris, Chapen	Saunders	429	1- 8-21
Thomson, George H.	Lethbridge	433	29- 8-21
Thompson, Andrew	Aerial	267	26- 6-19
Thackray, Fred	Taber	281	26- 6-19
Travis, Joseph	Bankhead	303	26- 7-20
Thornhill, John E.	Coalhurst	482	1- 8-22
Tannucci, Joseph	Nordeg	485	1- 8-22
Tilley, John C.	Bellevue	511	30- 6-23
Taylor, William	Midlandvale	514	17- 8-23
Turner, William H.	Blairmore	525	17- 8-23
Tucker, John M.	Entwistle	528	17- 8-23
Talbot, Walter J.	Clover Bar	533	17- 8-23
Trentham, Harry	Ghost Pine	536	17- 8-23
Teasdale, J. R. W.	Drumheller	540	1- 9-23
Tyldsley, Albert	Beverly	545	1- 9-23
Utley, Frederick W.	Bellevue	250	26- 6-19
Vola, Serafino	Canmore	63	1- 2-09
Vaselenak, Michal P.	Lethbridge	159	10- 7-17
Vickers, William A.	Taber	443	10- 3-22
Villard, Henry	Wayne	450	31- 7-22
Watkins, W. Ed.	Champion	1	14-11-98
Wilson, John	Canmore	2	15-11-98
Watkins, John W.	Canmore	3	15-11-98
Waite, Archibald	Taber	11	6- 7-03
Webb, James F.	Canmore	42	8- 4-05
Wilson, William G.	Canmore	3	20-12-05
Watters, John	Bankhead	5	20-12-05
Wright, John S.	Canmore (Deceased)	12	3- 1-07
Welsh, W. R.	Ardley	9	3- 1-07
Wrigley, Walter	Cadomin	37	10- 1-08
Willmott, William	Canmore	38	10- 1-08
Watters, A. G.	Bankhead	49	29- 5-08
Weston, Thomas	Strathcona	73	7- 4-09
White, Harry	Hillcrest	90	29-11-09
Williams, Walter E.	Edmonton	213	31-10-12
Williams, John J.	Edmonton	223	25-11-12
Whitefield, Isaac	Coalhurst	15	10- 3-14
Williams, John T.	Bellevue	33	23- 5-14
Wesnedge, William	Nanaimo, B. C.	58	5-12-14
Wardrop, James	Georgetown	72	16- 2-15
Worthington, Thomas	Lethbridge	92	1- 9-15
Wallwork, William	Taber	118	10- 7-16
Watkins, James M.	Taber	128	26- 7-16
Williams, Albert	Brule Mines	138	25- 9-16
Wilcox, William J.	Brule Mines	140	11-11-16
Willettts, Frederick	Lethbridge	162	10- 7-17
Wilson, Alexander	Drumheller	169	17- 7-17
Wolstoncroft, Robert	Commerce	175	17- 7-17
Watson, Adam G.	Calgary	215	1- 6-18
Wheatcroft, Fred, Jr.	Drumheller	225	8- 6-18
White, John M.	Lethbridge	233	14- 6-18
Warren, Michael	Canmore	304	26- 7-20
Womersley, Alfred	Redcliff	316	26- 7-20

LIST OF NAMES OF HOLDERS OF THIRD CLASS CERTIFICATES
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Name	Address	Cert. No.	Date of Issue
Wright, S. P. T.	Coalhurst	336	26- 7-20
Walker, H. M.	Bellevue	368	26- 7-20
Watson, James	Edmonton	378	1- 8-21
Woolett, Charles	Edmonton	379	1- 8-21
Walker, Charles C.	Wayne	385	1- 8-21
White, William	Hillcrest	388	1- 8-21
White, Alfred	Hillcrest	389	1- 8-21
Wheatcroft, George L.	Wayne	394	1- 8-21
Wilkie, John	Sheerness	405	1- 8-21
White, Robert	Nordegg	411	1- 8-21
White, William	Coleman	427	1- 8-21
Whyte, William	Lethbridge	446	16- 6-22
Williamson, John B.	Cadomin	473	31- 7-22
Wood, Matthew	Bellevue	508	17- 5-23
Wylie, James	Commerce	520	17- 8-23
Wiswell, Byron	Blairmore	524	17- 8-23
Weaver, William	Natal, B. C.	530	17- 8-23
Whitelaw, William	Blairmore	532	17- 8-23
Whelan, Charles J.	Newcastle	556	4-12-23
Williamson, David S.	Camrose	558	18-12-23
Waller, Herbert	Natal, B. C.	562	28-12-23
Young, Thomas	Taber	57	11- 1-09
Young, Samuel	Cardiff	101	18- 1-10
Yates, James	Coleman	504	15- 2-23
Zak, Albert	Commerce	324	26- 7-20

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
GRANTED BY THE GOVERNMENT OF THE PROVINCE OF ALBERTA
TO DECEMBER 31, 1923

Name	Address	Cert. No.	Date of Issue.
Aspinall, Francis	Midlandvale	1	7- 8-15
Adam, William A.	Lethbridge	40	21- 8-15
Ashburner, Edward	Crow's Nest Pass	79	1- 9-15
Allen, Peter	Wayne	109	23-11-15
Atkins, Cecil B.	Evansburg	162	17- 7-23
Brown, John	Calgary	30	20- 8-15
Billington, Edward E.	England	42	23- 8-15
Biltery, Jean	Taber	73	1- 9-15
Black, Ernest D.	England	75	1- 9-15
Baxter, Andrew W.	Calgary	119	23-11-15
Brown, Hugh R.	Wayne	125	10- 7-16
Brown, Thomas	Edmonton	133	17-11-17
Burgess, Wilfred D.	Edmonton	169	18-12-23
Coulthard, Robert W.	Toronto, Ont.	20	7- 8-15
Church, James A. H.	Edmonton	21	7- 8-15
Charlesworth, Lionel C.	Edmonton	22	7- 8-15
Callander, Ira C.	Virginia, U.S.A. (Deceased)	39	21- 8-15
Charbonnier, Jules	Blairmore	72	1- 9-15
Côté, Jean L.	Edmonton	80	1- 9-15
Cautley, Reginald H.	Edmonton	81	1- 9-15
Crowder, James	Blairmore	111	23-11-15
Cook, Arnold D.	Calgary	113	23-11-15
Cumming, Charles H.	Brule Mines	135	3- 7-18

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Crowder, Harry	Drumheller	152	26- 7-20
Congdon, Milton H.	Blairmore	157	1- 8-21
Clement, Adolph L.	Cadomin	158	1- 8-21
Cameron, Alan E.	Edmonton	154	9- 3-21
Carthew, John T.	Brule	164	17- 7-23
Chavignaud, Louis G.	Luscar	165	17- 7-23
Davidson, William A.	Rosedale	7	7- 8-15
Drinnan, R. G.	Edmonton	8	7- 8-15
deHart, Joseph B.	Lethbridge	45	23- 8-15
Dougall, Ralph	Bankhead (Deceased)	49	23- 8-15
Drummond, L. E.	Edmonton	51	23- 8-15
Dunn, Alex C.	Edmonton	55	23- 8-15
Darbyshire, James	Edmonton	69	1- 9-15
Duggan, William H.	Foothills	84	1- 9-15
Driscoll, Alfred	Edmonton	91	7- 9-15
Dennis, Frederick W.	England	100	9- 9-15
David, Alfred	Lethbridge	114	23-11-15
Daniell, G. W. B.	Nanaimo, B. C.	126	10- 7-16
Donaldson, C. S.	Lethbridge	151	26- 7-20
Dewis, Clifford S.	Canmore	163	1- 8-22
Elliott, Edward P.	Pocahontas	33	20- 8-15
Ellis, William	Three Hills	94	7- 9-15
Evans, Daniel	Vancouver, B. C.	123	29-12-15
Elliott, G. R.	Canmore	150	26- 7-20
Fraser, Norman	Edmonton	15	7- 8-15
Foot, Robert G.	Coleman	54	23- 8-15
Finnie, Oswald S.	Ottawa	57	23- 8-15
Flint, William G.	Edmonton	76	1- 9-15
Fortner, Edward	United States	83	1- 9-15
Fraser, Alan T.	Edmonton (Deceased)	121	18-11-15
Foster, William	Wabamun	167	1- 9-23
Green, Raoul	Blairmore	70	1- 9-15
Gallon, Emile	France	89	7- 9-15
Gray, David	Washington, U. S. A.	110	23-11-15
Gheur, Ernest	Nordegg (Deceased)	129	22- 2-17
Graham, A. E.	Coleman	168	15- 9-23
Hutchison, David	Hillcrest	29	20- 8-15
Huntrods, E. S. F.	Taber	34	20- 8-15
Holden, James O. E.	Drumheller	46	23- 8-15
Hardie, W. D. L.	Lethbridge	50	23- 8-15
Hargreaves, James	Victoria, B. C.	52	23- 8-15
Hamilton, James F.	Lethbridge	67	1- 9-15
Henderson, Thomas R.	Tofield	56	23- 8-15
Hutchison, William	Hillcrest	68	1- 9-15
Hamilton, Robert	Three Hills	74	1- 9-15
Horne, Thomas	Edson	82	1- 9-15
Harrison, S.	Lethbridge (Deceased)	85	1- 9-15
Hyde, Marcus L.	Vancouver, B. C.	95	7- 9-15
Hamilton, W. L.	Winnipeg, Man.	117	23-11-15
Hamilton, Allan	Blairmore	131	7- 7-17
Hall, W. E. G.	Coleman	143	2- 7-19
Hetherington, W. B.	Luscar	144	9- 7-19
Higgins, Alexander	Three Hills	145	15- 7-19
Hollies, R. T.	Edmonton	154	9- 3-21
Hunter, A. B.	Commerce	156	1- 8-21
Howells, N.	Nacmine	160	3-11-21
Jones, Samuel A.	Nanaimo, B. C.	26	19- 8-15
Jones, David	Edmonton	32	20- 8-15
Johnson, Moses	Lethbridge	130	7- 7-17
Kellett, Walton	Lethbridge (Deceased)	47	9- 9-15
Knight, Richard R.	Edmonton	96	23-11-15
Kellock, George	Coleman	105	23-11-15

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Knight, Sidney	Edmonton	122	3-12-15
Kidd, G. L. S.	Drumheller	132	10-10-17
Livingstone, R.	Lethbridge	9	7- 8-15
Lee, Robert J.	Estevan, Sask.	64	1- 9-15
Lavoie, G. A.	United States	44	23- 8-15
Lyster, H. M.	Toronto, Ont.	77	1- 9-15
Leblanc, Emile	Taber	107	23-11-15
Lindoe, Luke	Bellevue	136	3- 7-18
Lewis, John W.	Mountain Park	159	10-10-21
Morris, J. J.	Canmore (Deceased)	14	7- 8-15
Morris, R. H.	Virginia, U.S.A.	17	7- 8-15
Milne, M. C.	Virginia, U.S.A.	78	1- 9-15
Mills, H. W.	Victoria, B.C.	92	7- 9-15
Maxwell, W.	Westville, N.S.	93	7- 9-15
Millar, A. A.	Taylornton, Sask.	97	9- 9-15
Meldrum, Wm.	Lethbridge	98	9- 9-15
Moodie, K. S.	Drumheller	101	9- 9-15
Marshall, J. W.	Evansburg	106	23-11-15
Marsh, John	Lethbridge	124	4- 4-16
Morgan, O.	Blairmore	148	26- 7-20
Moore, H. D.	Nordegg	149	26- 7-20
McNeill, W. F.	Calgary	6	7- 8-15
McLeod, John A.	Evansburg	35	20- 8-15
McLenhan, J. A.	Dinant	37	21- 8-15
Macaulay, A. G.	Midlandvale	41	23- 8-15
Macaulay, D. A.	Drumheller	60	31- 8-15
McCulloch, James	Drumheller	104	23-11-15
McDonald, Duncan	Drumheller	118	23-11-15
McVicar, Samuel	Three Hills (Deceased)	120	23-11-15
McDonald, John R.	Edmonton	128	22- 2-17
O'Donnell, Thomas	Rosedale	102	9- 9-15
Pitcher, N. C.	Edmonton	10	7- 8-15
Parker, J. L.	Lundbreck	11	7- 8-15
Pickles, Wm.	Luscar	24	18- 8-15
Puckett, O. L.	Lovettville	31	20- 8-15
Ponton, G. M.	Calgary	63	1- 9-15
Piard, Marc.	Bellevue	88	7- 9-15
Powell, A. E.	Nakusp	108	23-11-15
Quigley, D. H.	Coalhurst	142	2- 7-19
Reid, J. C.	Oklahoma, U.S.A.	12	7- 8-15
Richards, J. A.	Edmonton	13	7- 8-15
Robertson, J. D.	Edmonton	23	7- 8-15
Richards, C. C.	Calgary	43	23- 8-15
Robertson, J.	Big Valley	61	1- 9-15
Reid, A. H.	Oklahoma, U.S.A.	62	1- 9-15
Robert, L. P.	Bellevue	65	1- 9-15
Raisbeck, L.	Delia	103	23-11-15
Ritchie, D. W.	Edmonton	134	28- 6-18
Robinson, W. E.	Coleman	139	11- 7-18
Riddell, J. G.	Coleman	147	26- 7-21
Richards, M. C. R.	Edmonton	166	15- 9-23
Stockett, Lewis	Calgary	2	7- 8-15
Smith, F. B.	Edmonton (Deceased)	3	7- 8-15
Stirling, J. T.	Edmonton	19	7- 8-15
Shaw, Wm.	Edmonton (Deceased)	25	19- 8-15
Scott, A. N.	Mountain Park	36	20- 8-15
Shanks, John	Nordegg	58	28- 8-15
Stevenson, W., Jr.	Hillcrest	59	31- 8-15
Stevens, L. C.	Edmonton	66	19- 5-15
Sutherland, C. C.	Edmonton	86	3- 9-15
Stevenson, J.	Scotland	116	23-11-15
Sherwin, P. M.	Frank	127	22- 1-17

LIST OF NAMES OF HOLDERS OF MINE SURVEYORS' CERTIFICATES
(Continued)

Name	Address	Cert. No.	Date of Issue.
Smith, T. E.	Montana	137	3- 7-18
Steele, F. M.	Calgary	146	23- 3-20
Sparks, H. E.	Brule Mines	155	1- 8-21
Shanks, D.	Calgary	162	3- 4-22
Thornton, N. M.	Edmonton (Deceased)	16	7- 8-15
Thorne, B. L.	Calgary	18	7- 8-15
Thomas, J. D.	Nacmine	115	23-11-15
Turner, J. H.	Coalhurst	141	2- 7-19
Wain, W. H.	Canmore (Deceased)	4	7- 8-15
Wilson, D. G.	Bankhead	5	7- 8-15
Whiteside, O. E. S.	Coleman	27	19- 8-15
Williams, A. E.	Saunders	38	21- 8-15
Williams, T. B.	Madison, Wis.	48	23- 8-15
Watson, R. H.	Scotland	53	23- 8-15
Williams, W. P.	Bellevue (Deceased)	71	1- 9-15
Watters, John	Bankhead	87	3- 9-15
Wilson, W. R.	Fernie, B. C.	90	7- 9-15
Wark, S. D.	Sointula, B. C.	99	9- 9-15
Wheeler, James S.	Calgary	112	23-11-15
Wright, Edwin.	Fernie, B. C.	138	11- 7-18
Young, W. H.	Calgary (Deceased)	28	19- 8-15

Certificates issued previous to September 1, 1905, were issued under the provisions of The Coal Mines Regulation Ordinance of the North-West Territories.

Certificates issued between September 1, 1905, and May 9, 1906, were issued under the provisions of The Coal Mines Ordinance of the North-West Territories.

Certificates issued between May 9, 1906, and August 1, 1913, were issued under the provisions of The Coal Mines Act of the Province of Alberta.

Certificates issued since August 1, 1913, were issued under the provisions of The Mines Act of the Province of Alberta.

OUTSIDE DAY WAGES

The following is the general wage schedule paid at December 31st, 1923:

Occupation	Per Day
Bottom Men	\$7.08
Slate Pickers (Boys)	4.03
Slate Pickers (Men)	6.58
Car-oilers (Men)	6.58
Car-oilers (Boys)	4.40
Tally Boys	4.03
Teamsters	7.08
Blacksmith	8.14
Blacksmiths' Helpers	7.09
Carpenters	8.14
Carpenters' Helpers	7.09
Power House Engineers	\$7.61 to 8.32
Hoisting Engineers	7.39 to 8.05
Fan Men	6.58
Incline Engineers	7.61
Tail Rope Engineers	7.88
Endless Rope Engineers	7.50
Box Car Loaders' Engineers	7.61
Tipple Engineers	7.61
Screen Engine Tender	6.76
Locomotive Engineer	7.61
Locomotive Switchman	7.20
Fireman	7.08
Firemen's Helper	6.76
Water Tender	6.71
Railway Car Handler	6.70
Tipple Dumper (Man)	7.08
Tipple Dumpers' Helpers	6.75
Tipple Dumper (Boy)	4.40
Top Cagers	6.75
Car Repairer	7.61
Car Repairer's Helper	7.09
Breaker Engineer	7.61
Lampman	\$6.58 to 8.14
Machinists	7.61 to 8.14
Machinist's Helper	7.09
Ashman	6.58
Wiper (Man)	6.58
Coupler (Man)	6.58
Coupler (Boy)	4.40
Breaker Oiler	6.71
Washer or Tipple Oiler	6.71
Breaker Picker Boss	7.08
Timber-framer	7.61
Timber-sawyer	6.75
Box-car Shoveller	7.08
Breaker Platform Boss	7.08
Breaker Platform Men	6.70
Breaker Screen Men	6.58
Rock-bank Men	6.58
Dirt-bank Men	6.58
Fan-Fireman	6.85
Stableman	6.58
Finisher after Box-car Loader	6.58
Motor Truck Driver	7.61
All other Labor not Classified	6.58

BEE HIVE COKE OVENS

Steam Locomotive Engineers	7.61
Motorman	7.35
Lorryman	6.58
Plasterers	6.58
Carters and Cleaners	6.58
All other Labor	6.58

OUTSIDE DAY WAGES—(*Continued*)

BELGIAN COKE OVENS

Occupation	Per Day
Ram Engine Men	\$7.61
Chargers	7.08
Clayers	7.08
Drawers	7.08
Loaders	6.70

BRIQUETTING PLANT

Engineer	\$7.61
Briquetter	7.74
Tar Melter	6.89
Laborers	6.58
Oiler	7.08

INSIDE DAY WAGES

Shot Lighter	\$7.50
Bratticemen	7.50
Bratticemen's Helper	6.89
Timberman	7.50
Timberman's Helper	6.89
Tracklayers	7.50
Tracklayer's Helper	6.89
Motorman	7.21
Motorman's Helper	6.89
Locomotive Engineer	7.21
Locomotive Switchman	6.89
Drivers	7.21
Drivers (Spike Team)	7.73
Couplers (Men)	6.89
Couplers (Boys)	4.40
Switch Boys	\$4.03 to 4.40
Door Boys	3.69
Fan Boys	3.69 to 4.40
Rope Riders	7.21
Main and Tail Rope Riders	7.50
Pushers	6.89
Buckers	6.89
Loaders	6.89
Miners	7.50
Rock Miners	8.02
Timber Handlers	7.21
Cagers, Slope and Incline	6.80
Cagers, Shaft	7.50
Machineman (Air)	8.02
Machineman (Electric)	9.42
Machineman's Helper (Air)	7.50
Machineman's Helper (Electric)	7.62
Pumpmen	6.89
Pumpmen (Galt Mines)	7.39
Hoistmen	\$7.21 to 7.50
Drivers (Boys)	4.40 to 5.74
Grippers	6.89
Grippers (Boys)	4.40 to 5.74
Pipe Fitters' Helpers	6.89
Pick Carriers	4.03 to 5.74
Clutchmen	7.50
Rollermen	6.89
All other Labor not Classified	6.89

Average wages earned by contract miners per shift of eight hours, from \$9.40 to \$10.04.

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